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UNITED STATES DEPARTMENT OF AGRICULTURE  
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In cooperation with the  
TEXAS AGRICULTURAL EXPERIMENT STATION

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QUALITY OF TEXAS COTTON, CROPS OF 1928-35

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By W. B. Lanham, G. E. Miller, and Norma L. Goudy

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ECONOMIC IMPORTANCE OF COTTON IN TEXAS

Agriculture is the chief industry in Texas, and cotton is the most important crop grown by the farmers of the State. Practically half of all the land in cultivation in Texas is devoted to the production of cotton. The growing, handling, and marketing of this crop furnish the chief source of income for a large part of the population. The cotton crop of the State has become increasingly important as new areas have been devoted to its growth. During the early twenties there was a marked increase in cotton acreage in northwest Texas, because during that period much of the ranch land in the southern part of the High Plains region was divided into cotton farms and cotton was grown on land that had formerly been used for other crops. These increases may have been due to the relatively high prices for cotton and to the low cost of production and comparative freedom from boll-weevil infestation in this part of the State.

1/ The Texas Agricultural Experiment Station cooperated with the Bureau of Agricultural Economics in obtaining the information on the grade and staple length of cotton ginned in that State from the crops of 1928-32.



The quality of Texas cotton is a matter of special economic importance to the country as a whole, since Texas is by far the largest cotton-producing State, producing approximately one-third of the United States crop and about one-sixth of the world crop. During the 6-year period, 1928-33, Texas produced an annual average of 4,371,200 bales, representing 31 percent of the average crop of the United States for that period. The average acreage of cotton harvested in Texas during the 6-year period 1928-33 was 38 percent of the average acreage harvested during that period in the entire Cotton Belt.

Many factors affect the volume and quality of cotton produced in Texas. The desire for large production during periods of high prices for cotton may have caused growers to pay less attention to quality than to quantity and to neglect crop rotation and soil conservation. In parts of Texas, cotton was being grown under climatic conditions, that were unfavorable for producing high-quality cotton. Continuous cotton cropping in some sections has not only reduced available soil fertility, and lowered crop yields, but has also affected the yield and quality by increasing the damages from cotton root rot. The fact that under the present marketing system the individual grower is not sufficiently rewarded or penalized for quality variation naturally affects the quality of cotton produced.

#### PURPOSE OF REPORT

The purpose of this report is to meet an existing need by furnishing agricultural workers, local newspapers, and others interested in quality with information on the quality of cotton grown in the more localized area in which they may be interested. Quality is used here to mean grade and staple only. Before the preparation of this report, information on quality of cotton produced in Texas has been available regarding only the larger, more general, areas. It is hoped that, knowing the quality of cotton produced in their own sections and in other surrounding sections or areas similar in soil and climate, growers may recognize the possibilities for quality improvement. Some discussion of general soil and climatic conditions has been included here, to make the larger differences in quality more easily understood. An attempt has been made in the discussion to point out significant facts regarding the quality of cotton produced in the different areas of the State.

#### PROCEDURE

Before the beginning of each ginning season the Bureau of Agricultural Economics, in cooperation with State agricultural

agencies, makes agreements with certain ginners to obtain a sample of every bale of cotton ginned at their gins during the season. In order to procure typical quality representation of ginnings in the various localities, the soil types, climatic factors, sizes and types of gins, and varieties of cotton planted, are all considered when selecting the gins from which samples are to be obtained.

The samples from Texas are forwarded to the field classing offices of the Bureau of Agricultural Economics located in Dallas, Austin, and El Paso. The samples are classed at these offices according to the official cotton standards of the United States. The grade and staple length of these samples are taken as representative of the quality of total ginnings as reported by the Bureau of Census, these ginnings being used herein to indicate production.

The official grade groups for American upland cotton in effect when these samples were classed are as follows: 2/

	:	:	:	: Light	:	:	:	:
Extra	:	:	:	Yellow	:	Yellow	:	Blue
White	:	White	:	Spotted	:	Tinged	:	Stained: Stained: Gray: Stained
	:	:	:	:	:	:	:	:
	:	M.F.	:	:	:	:	:	:
	:	S.G.M.	:	S.G.M.	:	:	:	:
G.M.	:	G.M.	:	G.M.	:	G.M.	:	G.M.
S.M.	:	S.M.	:	S.M.	:	S.M.	:	S.M.
H.	:	M.	:	M.	:	M.	:	M.
S.L.M.	:	S.L.M.	:	S.L.M.	:	:	:	:
L.M.	:	L.M.	:	L.M.	:	:	:	:
	:	S.G.O.	:	:	:	:	:	:
	:	G.O.	:	:	:	:	:	:
	:	:	:	:	:	:	:	:

The grades shown above the heavy black lines are deliverable on futures contracts made in accordance with section 5 of the United States Cotton Futures Act. Those below the line are untenderable on such contracts.

For the purpose of assembling data for the grade, staple length, and tenderability reports on the cotton crop prepared and issued by the Bureau of Agricultural Economics, the State of Texas has been divided into 11 general soil areas. To show the quality of cotton ginned in smaller, more localized areas, each of these 11 districts

2/ The revised grade standards for upland cotton promulgated in 1935 became effective August 20, 1936. All figures presented in this publication are based upon classifications according to official standards in use before August 20, 1936.



has been further divided into subdistricts, the boundaries of the 11 general soil areas being maintained.

As more information has become available on soil and the distribution of production within certain counties, it has seemed advisable from time to time to make certain changes in the boundaries of these districts 3/. The boundaries of the 46 subdistricts for which data are here presented for the 6-year period 1928-33, as well as the boundaries of the larger general soil districts, are shown in figure 1, p. 54. The 45 subdistricts reported upon for the years 1934 and 1935 are shown in figure 2, p. 55.

#### SOIL TYPES AND CLIMATIC CONDITIONS 4/

Cotton is grown in Texas on many different types of soil and under various climatic conditions. The soils of the State vary greatly in their textural, color, and structural characteristics, more than 500 soil types having been identified. Because of these great differences in the characteristics of the soils and of the wide range of climatic conditions, productive capacities of the soils and opportunities for advantageous crop adaptation vary greatly throughout the State.

There is also a wide range in rainfall in the different sections. In general, the average precipitation gradually decreases from the eastern toward the western part of the State. The extreme eastern section is very humid, with an average precipitation of 45 inches or more annually; the amount of rainfall decreases gradually toward the semi-arid part of the extreme western section, which has an average of 10 inches or less annually.

3/ In 1930-31 the following changes in district boundaries were made: Comal County was changed from District 7 to District 4; Burnet County, from District 4 to District 6; and Kaufman County, from District 8 to District 7. Prior to the beginning of the 1934-35 season the following changes in district boundaries were made: Coleman and Concho Counties were changed from Subdistrict 4-D to Subdistrict 3-F; Callahan County, from Subdistrict 5-C to Subdistrict 3-F; Hays and Comal Counties, from Subdistrict 4-C to Subdistrict 7-E; Johnson County, from Subdistrict 5-B to Subdistrict 7-C; Atascosa, Duval, La Salle, and Webb Counties, from Subdistrict 10-A to Subdistrict 4-B; Subdistrict 9-D (Lavaca and Colorado Counties) was designated Subdistrict 10-C; Subdistrict 4-E (Zapata, Starr, and Jim Hogg Counties) was designated Subdistrict 4-D; McCulloch and Menard Counties were changed from Subdistrict 4-D to Subdistrict 4-C; and Schleicher County was changed from Subdistrict 4-D to Subdistrict 4-A.

4/ Adapted, in the main, from Texas Agricultural Experiment Station Bull. 431. The Soils of Texas, by W. T. Carter, July 1931.



According to general soil and climatic conditions and their relationship to soil utilization the State may be divided geographically, approximately at the 99th meridian, into two large sections, the eastern and the western. The annual rainfall in the eastern section usually averages 30 inches or more. It is fairly consistent and is usually sufficient for good production. The rainfall in the western section not only averages much less but varies more from year to year, periods of low rainfall sometimes lasting for several years. In their broader characteristics the soils in the eastern and western sections are different also. The eastern section includes, in general, the Black Belt, the Sandy Coastal Plains and Flatwoods, the Fort Worth Prairies, and the Coastal Prairies. The western section includes the High Plains, the Red Lands and Rolling Plains, the Cross Timbers, the Edwards Plateau and the Rio Grande Plains, and the Trans-Pecos region in the far West.

The Black Belt (district 7) is the chief cotton-producing area of the State. Very rich, dark soils of heavy texture predominate. On account of the deep rich soil and the heavy annual rainfall, this district is very productive and has been more intensely developed agriculturally than has any other section of the State. Relatively small farms are general, and cotton is the chief crop. The soil resources of the Black Belt were once thought to be inexhaustible, but the productiveness of the land has been depleted by intensive cotton farming. The soils in some localities have suffered damage also from soil erosion. Experiments have shown systematic crop rotation to be a very valuable means of maintaining the fertility of these soils and increasing the yield of crops.

Lying just east of the Black Belt are the Sandy Coastal Plains and Flatwoods (districts 8 and 9). Light-colored, fine, sandy loams and light-textured soils predominate. Only a small part of this section has been devoted to cotton growing. The soils are only moderately productive, but they respond well to fertilization and cultural methods of soil improvement.

The Coastal Prairies (district 11) are characterized by heavy, dark, smooth soils. Most of the soils in this section are inherently productive, but in some parts drainage conditions are not always favorable to cotton production, especially during years of heavy rainfall. Artificial drainage has proved to be very valuable to crop production.

The High Plains area (district 2) is characterized by productive dark loams and fine sandy loams. Rainfall throughout this district is limited and irregular, but the characteristics

of the soils are such that they retain moisture well. The level character of the land and climatic conditions are favorable to large-scale operations, and the cotton crop is not seriously menaced, as a rule, by insect pests. The growing season is frequently short, killing frosts often occurring late in the spring and early in the fall, so the planting of early-maturing, drought-resistant varieties of cotton has been tried, and found to be successful.

The Red Lands and Rolling Plains (district 3) lie to the east of the High Plains. In this area the surface is in general undulating to rolling, and some of it is quite hilly and broken. A large part of this area is characterized by red or reddish-brown soils in which fine sandy loams predominate. A smaller part of the region is composed of a group of dark soils in which clay loam and other clay soils predominate. The soils in this area, as in the High Plains region, are very productive when the rainfall is sufficient.

The Edwards Plateau and Rio Grande Plains (district 4) form an important livestock-producing area. It is not well suited to the production of crops, since much of the land is rough and stony and rainfall is insufficient; but some cotton is produced.

Most of the Trans-Pecos region (district 1) is too mountainous and rough for cultivation. Rainfall is slight, and dry-farming is not successful. In the valleys, where the soils are deep and water is available for irrigation, cotton of superior quality is produced.

#### COTTON PRICES AS RELATED TO QUALITY IN TEXAS

Prices to growers in many local cotton markets reflect only a small part of the premiums and discounts in recognition of quality that are shown in central markets and spinners' markets. The failure of prices paid to growers to reflect a larger part of central-market premiums and discounts for grade and staple length reduces the incentive for quality improvement by individual growers. 5/

In many of the farmers' markets in Texas cotton is bought on what is commonly called a hog-round basis. The price paid for cotton at a market where the buying is on a hog-round basis

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5/ Farm Prices of Cotton Related to its Grade and Staple Length in the United States, Seasons 1928-29 to 1932-33, by L. D. Howell and John S. Burgess, Jr., Technical Bull. 493. U. S. Dept. of Agr. January 1936.



depends to a great extent on the average quality of cotton bought at that market. Cotton of the same quality thus brings different prices at different markets at the same time.

Data collected in various farmers' markets throughout Texas during the last few years show definitely that a very small part of the premiums and discounts shown in cotton merchants' buying limits is reflected in the prices paid to growers. In selected farmers' markets in Texas during the period 1926-33, for example, premiums to growers for grades above Middling averaged only 20 percent, and discounts for grades below Middling averaged only 31 percent, of those shown in cotton merchants' buying limits. <sup>6/</sup> Similar data for staple show that premiums to growers for cotton longer than 7/8 inch averaged only 6 percent and discounts for cotton shorter than 7/8 inch averaged only 10 percent of those specified in merchants' buying limits.

GRADE AND STAPLE LENGTH OF COTTON PRODUCED IN TEXAS  
AND IN THE UNITED STATES

During each of the years covered by this study, the staple length of Texas cotton averaged somewhat shorter than that of the crop of the entire Cotton Belt (table 1, p. 17). During the years 1928-30, these differences were less pronounced than during the years 1931-35. The greatest difference between the average staple length of the Texas crop and that of the entire Cotton Belt occurred in 1934. The Texas crop for that season averaged 0.8 of a sixteenth of an inch shorter than the average for the entire crop of the United States. In 1935, Texas cotton averaged 0.6 of a sixteenth of an inch shorter in staple than the average for the entire crop of the United States.

The average staple length of Texas cotton for the 6-year period 1928-33 was 15.04 sixteenths of an inch, as compared with 15.32 sixteenths for the United States. For the same period, cotton produced in Texas averaged 0.4 of a sixteenth of an inch shorter than cotton produced in the remainder of the Cotton Belt, Texas excluded. For the 6-year period, approximately half the cotton produced both in Texas, and in the United States as a whole, was shorter than 15/16 inch.

Cotton of the untenderable lengths, shorter than 7/8 inch, constituted 13 percent of the Texas crop both for the 6-year period and for the year 1934, and 17 percent for 1935. The same lengths

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<sup>6/</sup> Price-Quality Relationships in Farmers' Cotton Markets of Texas, by W. E. Paulson and Joel F. Hembree, Texas Agricultural Experiment Station Bull. 501. December 1934.

constituted 11 percent of the entire United States crop for the 6-year period, 8 percent for 1934, and 13 percent for 1935. The largest proportion of these short staples is shown for the crop of 1929, both in Texas and in the United States, although in that year Texas produced also a slightly larger proportion of cotton 1-1/16 inches and longer in staple than is shown for any other of the years studied.

The differences in grade are not so consistent: the proportion of cotton of the higher grades, Extra White and White Middling and above, was greater for Texas than for the United States as a whole for the years 1928-30 and 1934, and less for the years 1931-33 and 1935 (table 2, p. 18). An average for the 6-year period 1928-33 shows practically the same proportions of the various grades for Texas as for the entire United States, cotton Extra White and White Middling and above constituting 66 percent of the Texas crop for that period and 68 percent of the entire crop of the United States. In 1935, Texas cotton was unusually low in grade, only 44 percent of the crop being Extra White and White Middling and above as compared with 57 percent for the United States. The crops of 1933 and 1935 show the largest proportions of cotton of the Spotted and Yellow Tinged grades, these grades constituting 34 percent of the Texas crop and 31 percent of the United States crop for 1933, as compared with 6-year averages of 16 percent for Texas and 14 percent for the United States.

It is interesting that in 1934, under the general drought conditions prevailing throughout Texas during that season, the average staple length of Texas cotton was shorter than the average for any of the other years covered by this study (averaging one-fourth of a sixteenth of an inch shorter than the average staple length for the 6-year period 1928-33), but that the grade of the same crop was higher than that of any of the other years studied. In 1934, 78 percent of the Texas crop was classified as Extra White and White Middling and above in grade, compared with 66 percent for the preceding 6-year period and 44 percent for 1935.

There has been a gradual improvement in the average staple length of cotton produced in the United States as a whole, the annual average having increased each year from 1929 to 1934, inclusive. The staple of Texas cotton varies irregularly from year to year (table 1, p. 17).

With respect to grade, there seems to be no definite trend either for the United States or for Texas. The largest proportions of the better grades are found in the 1934 crop; and the smallest proportions, in the 1935 crop for Texas and the 1933 crop for the United States.



## VARIATION IN STAPLE LENGTH OF TEXAS COTTON

There is considerable variation in the staple length of cotton produced in the different districts of Texas, (table 3, p. 19; figs. 7, 8 and 9, pp. 58, 59 and 60), and within certain districts from year to year. The geographic distribution of cotton of the various staple lengths is indicated in figures 3 - 6, pp. 56 and 57.

The longest cotton is produced in district 1 in the irrigated section of the extreme western part of the State. Over the 6-year period, 1928-33, the staple length of cotton produced in subdistrict 1-A averaged 17.2 sixteenths of an inch, which is considerably longer than that for any other subdistrict of Texas and more than  $1/8$  of an inch longer than the average for the State for the same period. The 6-year average shows that 69 percent of the cotton produced in 1-A was  $1-1/16$  inches and longer in staple; and the corresponding figure for both 1934 and 1935 is 95 percent. Only a small proportion of the Texas crop is grown in this district.

The Gulf Coast area, district 11, ranks second in the production of the longer staples. Cotton produced in this district averaged appreciably longer in staple than the average for Texas or for the entire Cotton Belt. Cotton that is especially long in staple is produced in the extreme southern part, subdistrict 11-A, where irrigation is practiced to some extent. The staple length of cotton produced in subdistrict 11-A averaged 16.2 sixteenths of an inch for the 6-year period 1928-33 and 16.0 sixteenths for the 1935 crop, as compared with 15.0 sixteenths for the State as a whole for the 6-year period and 14.9 sixteenths for 1935. The average for the 6-year period shows that 23 percent of the cotton produced in subdistrict 11-A was of the lengths  $1-1/16$  inches and longer, a higher percentage of these lengths being shown for only one other subdistrict, 69 percent for subdistrict 1-A. In 1934 and 1935 very little of the cotton produced anywhere in district 11 was  $1-1/16$  inches or longer in staple. In 1934 the average staple length for subdistricts 11-B and 11-C was a sixteenth of an inch shorter than the average for the same subdistricts for the 6-year period. A very small proportion of cotton shorter than  $7/8$  inch is produced in this district, the larger portions of ginnings ranging from  $7/8$ -inch to  $1-1/32$  inches.

The Black Belt, district 7, exceeds all other areas of Texas in quantity of cotton produced. Over the 6-year period 1928-33, this district produced an average of 1,207,500 bales, or 28 percent of all Texas cotton. Cotton grown in this district is more uniform in staple length than that grown in most sections

of Texas, (fig. 7, p. 58), nearly half the cotton produced from the crops of 1928-33 being classified as  $15/16$  or  $31/32$  of an inch in staple length. The average staple lengths shown for the various subdivisions of district 7 during this period range from 15.2 sixteenths to 15.3 sixteenths of an inch, approximately equal to the average for the entire Cotton Belt. In 1934, however, the cotton of this district averaged considerably shorter than the United States crop. Very little cotton longer than  $1-1/32$  inch is produced in this section, and very little cotton shorter than  $7/8$  inch. Less variation from one year to another is shown for this district than for the others.

Considerable variation in staple length is indicated between the subdivisions of district 8 in the Sandy Coastal plains area of northeast Texas. The average staple length shown for subdistricts 8-C and 8-D, along the eastern border of the State, is considerably shorter than the average for other subdistricts (figs. 7, 8 and 9, pp. 58, 59 and 60): both 8-C and 8-D show an average staple length of 14.3 sixteenths of an inch for the 6-year period, which is as short as that of cotton produced in any subdistrict of the State for that period. In all subdivisions of the district except 8-A, more than half the cotton was classed as shorter than  $15/16$  of an inch in staple for this period. The geographic location of 8-A in the fertile section of the interior, may account in a large measure for the superior staple length of its cotton. Not only is the staple-length variation between subdivisions much greater for district 8 than for district 7, but the variation from year to year is also much greater. The year-to-year tendencies throughout district 8 are fairly consistent, the crops of 1929, 1932, and 1934 averaging comparatively short in staple.

The cotton produced in districts 9 and 10 in the south central part of the State is fairly uniform in staple. Cotton grown in each of the subdivisions of districts 9 and 10, with the exception of 9-A along the eastern border, averaged longer in staple, for the 6-year period, than the average for the State as a whole. Subdistricts 10-B and 9-D, sometimes referred to as the Interior Blackland Prairies, produced slightly longer staples, on the average, than did the other subdistricts, the 6-year average being about a third of a sixteenth of an inch longer than the corresponding average for the State. However, the 1934 crops in subdistricts 9-C and 10-C (10-C being the same area as indicated by 9-D for the 6-year period) averaged 15.5 and 15.3 sixteenth inches, respectively, which is more than half a sixteenth of an inch longer than the average for Texas for that year. For the 6-year period, more than  $3/4$  of the cotton produced in each of the subdivisions of districts 9 and 10 was classed as being  $7/8$  inch to  $31/32$  inch in



staple length. The variation in staple from year to year is not especially pronounced in these districts.

The northwestern part of Texas, districts 2 and 3, in the area of high plains, red lands, and rolling plains, generally produces approximately one-fourth of the Texas cotton crop. The record production for this section during the period studied occurred in 1932, when 561,500 bales were produced in district 2 and 1,122,000 bales were produced in district 3, the two areas combined producing  $\frac{2}{5}$  of the crop of the State for that year. Weather data show that precipitation for the 1932 season was considerably above normal for all sections of Texas except the Gulf Coast, the greatest excess occurring in the western section. It is an interesting fact that in this year of unusually heavy rainfall in the northwest, the crop of districts 2 and 3, where rainfall is conceded to be a limiting factor, was above the average, both in quantity and in length of staple, whereas, in the eastern section of the State, where normal rainfall is ample, the crop was below normal.

The average staple lengths for the 11 subdivisions of districts 2 and 3 ranged from 14.3 to 15.0 sixteenths of an inch for the 6-year period and from 14.1 to 15.1 sixteenths of an inch for the 1935 crop. For most subdistricts, 90 percent or more of the cotton produced was shorter than 1 inch in staple. Average staple length of cotton produced in these districts varies irregularly from year to year. During the 6-year period the lowest average staple length occurred in each subdistrict in 1929. Weather data show that precipitation was deficient in that year in the western and the northwestern sections of Texas.

Districts 5 and 6 in the north central part of the State produce only a small portion of the Texas cotton crop. For the 6-year period as well as for 1934 and 1935 the staple length of cotton produced in each of the subdivisions of these districts averaged from  $\frac{7}{8}$  to  $\frac{15}{16}$  inch, the average for 1934 being in each instance shorter than the 6-year average. For the 6-year period, approximately half the cotton of each subdistrict was classified as  $\frac{7}{8}$  inch or  $\frac{29}{32}$  inch, and a considerably larger proportion of the 1934 crop was so classified.

District 4 in the southwestern section produces only a minor portion of the State's crop. Practically all the cotton of this section is shorter than 1 inch in staple length, the averages for the subdistricts ranging between  $\frac{29}{32}$  inch and  $\frac{15}{16}$  inch for the 6-year period, and longer than  $\frac{15}{16}$  inch for 1935.

## VARIATION IN GRADE OF TEXAS COTTON

The grade of cotton produced in the various sections of Texas is dependent upon a number of factors, among which are weather conditions, time and method of harvesting, and care in handling and ginning.

On the average, the proportion of cotton of the better grades, that is, Extra White and White Middling and above, is fairly constant throughout the State for the 6-year period except in districts 2 and 3 in the northwestern part. In these districts the proportion of these better grades is less. It may be noted that the proportion of these grades in the Texas crop is less for the 1935 season than for the 6-year period or for 1934, 44 percent of the State's crop being classified in these grades for 1935 as compared with 66 percent for the 6-year period and 78 percent for 1934 (table 4, p. 36). Less than half of the 1935 crop and approximately half of the 1932 and 1933 crops in Texas was classified as Extra White and White Middling and above in grade, whereas, considerably more than two-thirds of the crop in each of the other years was of these better grades.

Cotton Extra White and White Strict Low Middling and Low Middling in grade constituted 16 percent of the crop of the State, on the average, for the 6-year period, 6 percent of the 1934 crop, and 23 percent of the 1935 crop. Approximately one-sixth of the cotton was classed as Spotted and Yellow Tinged, both for the 6-year period and for 1934, the proportion for 1935 being greater. The proportion of Light Yellow Stained, Yellow Stained, Gray, Blue Stained, and no-grade cotton produced in Texas is negligible.

Averages for the 6-year period indicate that cotton Extra White and White Middling and above in grade constituted 83 percent of all cotton produced in subdistrict 1-A and 64 percent of that produced in subdistrict 1-B. These grades constituted 99 percent of all cotton produced in each of these subdistricts in 1934.

The grade of the cotton produced in the northeastern part of the State, district 8, and in the Black Belt, district 7, was fairly uniform and much above the average for the State. Of the cotton produced in the various subdivisions of districts 7 and 8 for the 6-year period, cotton Extra White and White Middling and above in grade constituted from 72 percent to 84 percent. There were larger proportions of these grades in the 1934 crop, but considerably smaller proportions in the 1935 crop. About one-tenth of the cotton produced in these districts during the 6-year period was Spotted and Yellow Tinged, the largest proportions being found in the crops of 1932, 1933 and 1935.



Cotton produced in all subdivisions of districts 9 and 10 during the 6-year period was superior in grade to that produced in the State or in the Cotton Belt as a whole. Approximately four-fifths of the cotton produced during this period in each subdivision of district 9 and three-fourths of that produced in each subdivision of district 10 was classed as Extra White and White Middling and above in grade. Most of the cotton produced in these districts during the 6-year period was Extra White and White; less than 10 percent of production in each subdistrict was Spotted and Yellow Tinged. In 1934, however, the proportion of Spotted and Yellow Tinged cotton produced in district 10 was considerably greater, ranging from 8 percent in 10-C to 40 percent in 10-A.

Cotton produced in the Gulf Coast region, district 11, varied considerably in grade. The proportions of cotton Extra White and White Middling and above shown for the 6-year period range from 66 percent to 80 percent; and for 1935, from 40 percent to 77 percent. For the entire period covered, a larger proportion of cotton Extra White and White Strict Low Middling and Low Middling in grade is shown for district 11 than for the State or for the entire Cotton Belt, and a smaller proportion of Spotted and Yellow Tinged cotton.

Considerably smaller proportions of cotton Extra White and White Middling and above in grade were produced in districts 2 and 3 than in other districts of the State during the 6-year period. In 1934 the proportions of cotton of these grades was greater than that shown for the 6-year period in all subdivisions of districts 2 and 3, except 3-A and 3-C. The proportion of cotton Extra White and White Middling and above in grade produced in the various subdivisions of these districts ranged from 27 percent to 52 percent for the 6-year period and from 25 percent to 75 percent for the year 1934. A considerably smaller proportion of these grades is shown for the 1935 crop than for 1934 in each subdistrict. More than half the cotton in 8 of the 11 subdivisions of districts 2 and 3, was of these better grades in 1934. Much of the cotton of this section is Spotted and Yellow Tinged. A 6-year average of 707,400 bales of Spotted and Yellow Tinged cotton is shown for the State, of which 433,000 bales, or more than half, was produced in districts 2 and 3.

The cotton produced in most sections of Texas is hand picked. In the northwestern part, however, mainly in districts 2 and 3, snapping is generally practiced, and in some seasons a small part of the crop is harvested by sledding. The level topography of this section, favorable climatic conditions, large-scale cotton farming, scarcity of labor, and economic necessity for low cost of production, have encouraged growers to use labor-saving machinery.

### STAPLE LENGTH BY GINNING PERIODS

Variation in staple length as the ginning season progresses is considered here only for the State as a whole, no attempt being made to determine what this variation might be for any subdivision. There is a wide range in the time of harvesting in the different parts of the State, Cotton grown in the southern and southeastern parts is harvested much earlier in the season and under better climatic conditions than that grown in the northwestern part. These facts no doubt partially account for the staple-length distribution by ginning periods since, in general, the cotton of longer staple is produced in the section where harvest is early, (with the exception of the comparatively small quantity of very long staple cotton grown in district 1 that is harvested later) and cotton of shorter staple is produced in the section where harvest is later.

For the period 1928-33, the staple length of cotton ginned in the State as a whole gradually became shorter as the ginning season advanced. The proportion of cotton shorter than 7/8 inch in staple increased from 9 percent of all cotton ginned prior to October 1 to 56 percent of all cotton ginned after January 15 (table 5, p. 53 and fig. 10, p. 61). Cotton of the lengths 1 inch and longer constituted almost 20 percent of all cotton ginned prior to October 1, the proportion of these lengths decreasing to less than 3 percent of all cotton ginned after January 15. Variation by ginning periods was very irregular for the 1934 crop, the greatest proportion of cotton 1 inch and longer occurring in cotton ginned during November. In 1935, cotton ginned prior to October 1 averaged considerably longer than that ginned during any other period of the ginning season.

### GRADE BY GINNING PERIODS

A pronounced decrease in the grade of cotton as the harvesting season progresses is indicated (table 6, p. 53 and fig. 11, p. 61 ). During the 6-year period 1928-33, cotton Extra White and White Middling and above in grade constituted 84 percent of all cotton ginned prior to October 1 and 65 percent of that ginned during October, the proportion decreasing to 5 percent of ginnings after January 15. In each of the designated ginning periods, the proportion of these better grades was greater for the 1934 crop than for the 6-year period and less for the 1935 crop than for the 6-year period.



## SUMMARY

Texas produces approximately one-third of the entire cotton crop of the United States. For each year of the 6-year period 1928-33, the average staple length of cotton produced in Texas was shorter than that of cotton produced in the entire Cotton Belt, but the grade was approximately the same. The average staple for Texas was 15.04 sixteenths of an inch for the 6-year period, 14.77 sixteenths for 1934, and 14.87 sixteenths for 1935; whereas, the average staple length for the entire United States crop was 15.32 sixteenths of an inch for the 6-year period, 15.58 sixteenths for 1934, and 15.47 sixteenths for 1935.

The proportion of cotton Extra White and White Middling and above in grade was greater for Texas than for the United States during the years 1928-30, and 1934 and less for the years 1931-33 and 1935. Cotton of these better grades constituted, on the average, approximately two-thirds of the crop produced in Texas and in the entire Cotton Belt for the 6-year period 1928-33, and approximately three-fourths of the 1934 crop. For the period covered by this report, Spotted and Yellow Tinged cotton constituted, on the average, approximately one-sixth of the crop produced, both in Texas and in the entire Cotton Belt. Unusually large proportions of Spotted and Yellow Tinged cotton are shown for the years 1932, 1933, and 1935. Unusually small proportions of the higher White and Extra White grades are shown for these years.

On the basis of average staple length of cotton produced, Texas may be divided into somewhat the same sections as indicated by differences in soil and climatic conditions. In general, the staple of cotton produced in the eastern section, districts 8 - 11, averages longer than that of cotton produced in the western section, districts 2 - 5, cotton produced in the extreme western part, district 1, averaging longer than that produced in any other district.

The largest proportion of cotton 1 inch and longer in staple is shown for subdistrict 1-A in the extreme western section, these lengths constituting an average of 93 percent of the crop for the 6-year period and almost 100 percent of the 1934 and 1935 crops. For the 6-year period, the smallest proportion of cotton 1 inch and longer in staple is shown for subdistrict 5-A, slightly more than 1 percent. However, in 1934 no cotton 1 inch or longer in staple was found in approximately one-fourth of the subdistricts of the State.

The grade of cotton produced in Texas is, in general, fairly uniform. The northwestern area, districts 2 and 3, shows a somewhat smaller proportion of the better grades than do other districts.

In most districts a larger proportion of these better grades, Extra White and White Middling and above, is shown for 1934 than for the 6-year period, and a smaller proportion is shown for 1935 than for the 6-year period. Usually large proportions of Spotted and Yellow Tinged cotton are shown for districts 2 and 3. On the average, more than half of the State's Spotted and Yellow Tinged cotton is produced in these districts.

The staple length of cotton in the State as a whole became shorter as the ginning season advanced. The proportion of cotton shorter than  $7/8$  inch increased, on the average, from about one-tenth of all cotton ginned prior to October 1 to more than one-half of all cotton ginned after January 15.

The grade of cotton produced in Texas also decreased as the ginning season progressed. For the 6-year period the average percentage of cotton Extra White and White Middling and above in grade decreased from 84 percent of all cotton ginned prior to October 1, to 5 percent of all cotton ginned after January 15. For each ginning period the percentage of these grades in the 1934 crop was greater than for the 6-year period and in the 1935 crop less than for the 6-year period or for 1934.



Table 1.-- Staple length of American upland cotton ginned in Texas and in the United States, 1928-35

## TEXAS

Crop year	All staple lengths 1/		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 and 1-3/32 inches		1-1/8 inches and longer		Average staple length 2/	
	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	Sixteenth inches	
Av. 1928-33.	4,371.2	100.0	557.6	12.7	1,684.1	38.5	1,493.7	34.2	527.2	12.1	85.9	2.0	22.7	0.5	15.04	
1928.....	4,941.5	100.0	794.6	16.1	1,856.8	37.6	1,557.1	31.5	586.8	11.9	113.0	2.3	33.2	.6	14.99	
1929.....	3,803.2	100.0	974.2	25.6	1,260.5	33.2	955.9	25.1	480.8	12.6	103.2	2.7	28.6	.8	14.86	
1930.....	3,886.1	100.0	475.5	12.2	1,330.4	34.2	1,363.2	35.1	586.3	15.1	101.0	2.6	29.7	.8	15.14	
1931.....	5,068.8	100.0	446.5	8.8	2,123.4	41.9	1,719.3	33.9	678.3	13.4	86.9	1.7	14.4	.3	15.08	
1932.....	4,307.4	100.0	414.3	9.6	1,918.6	44.5	1,554.8	36.1	362.3	8.4	37.5	.9	19.9	.5	14.98	
1933.....	4,220.3	100.0	240.4	5.7	1,615.3	38.3	1,811.9	42.9	468.8	11.1	73.8	1.8	10.1	.2	15.16	
1934.....	2,314.9	100.0	295.0	12.7	1,298.7	56.1	593.0	25.6	72.7	3.2	37.0	1.6	18.5	.8	14.77	
1935.....	2,849.7	100.0	482.3	16.9	1,167.2	41.0	936.1	32.8	211.0	7.4	36.1	1.3	17.0	.6	14.87	

## UNITED STATES

Crop year	All staple lengths 1/		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 and 1-3/32 inches		1-1/8 inches and longer		Average staple length 2/	
	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	Sixteenth inches	
Av. 1928-33.	14,081.7	100.0	1,536.5	10.9	5,443.4	38.7	3,595.1	25.5	1,896.4	13.5	914.6	6.5	695.7	4.9	15.32	
1928.....	14,268.2	100.0	2,072.1	14.5	5,914.8	41.5	3,225.7	22.6	1,575.8	11.0	794.2	5.6	685.6	4.8	15.18	
1929.....	14,519.0	100.0	2,921.5	20.1	5,533.7	38.1	2,748.2	18.9	1,693.6	11.7	938.6	6.5	683.4	4.7	15.11	
1930.....	13,732.2	100.0	1,829.2	13.3	5,327.7	38.8	3,421.6	24.9	1,725.9	12.6	970.9	7.1	456.9	3.3	15.22	
1931.....	16,615.2	100.0	1,019.5	6.1	6,593.3	39.7	4,511.9	27.2	2,557.1	15.4	1,087.8	6.5	845.6	5.1	15.44	
1932.....	12,701.3	100.0	837.7	6.6	4,786.5	37.7	3,671.0	28.9	1,822.0	14.3	871.8	6.9	712.3	5.6	15.45	
1933.....	12,654.3	100.0	539.1	4.3	4,504.4	35.6	3,992.2	31.6	2,004.3	15.8	824.1	6.5	790.2	6.2	15.55	
1934.....	9,458.0	100.0	783.0	8.3	3,490.9	36.9	2,065.4	21.8	1,415.6	15.0	880.1	9.3	823.0	8.7	15.58	
1935.....	10,402.7	100.0	1,320.1	12.7	3,235.1	31.1	2,628.1	25.3	1,682.2	16.2	866.5	8.3	670.7	6.4	15.47	

1/ Ginnings as reported by the Bureau of the Census.

2/ Averages calculated by multiplying the number of bales in each length group by the midpoint of the group expressed in sixteenths of an inch (that is, 15/16 and 31/32 = 15.5, etc.) summing, and dividing by the total number of bales. Although cotton of the length groups 1-1/8 and 1-5/32 inches, 1-3/16 and 1-7/32 inches, and 1-1/4 inches and longer are not herein reported upon separately, these groups were considered separately when the averages were calculated.

Table 2.- Grade of American upland cotton ginned in Texas and in the United States, 1928-35

TEXAS

Crop year	All grades 1/		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yellow Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
Av. 1928-33.	4,371.2	100.0	2,882.8	66.0	692.6	15.8	707.4	16.2	5.0	0.1	20.9	0.5
1928.....	4,941.5	100.0	3,629.9	73.5	642.1	13.0	480.8	9.7	2.7	2/	106.5	2.2
1929.....	3,803.2	100.0	2,637.7	69.4	692.0	18.2	382.9	10.1	15.8	.4	9.4	.2
1930.....	3,886.1	100.0	2,892.0	74.4	712.6	18.3	239.6	6.2	3.5	.1	1.0	2/
1931.....	5,068.8	100.0	3,629.7	71.6	804.9	15.9	503.0	9.9	5.6	.1	4.5	.1
1932.....	4,307.4	100.0	2,258.6	52.4	774.9	18.0	1,223.7	28.4	1.8	2/	2.6	.1
1933.....	4,220.3	100.0	2,248.8	53.3	529.2	12.5	1,414.5	33.5	.5	2/	1.6	2/
1934.....	2,314.9	100.0	1,813.0	78.3	132.2	5.7	359.3	15.5	1.3	.1	1.5	.1
1935.....	2,849.7	100.0	1,241.0	43.6	668.2	23.4	845.8	29.7	1.1	2/	4.8	.2

UNITED STATES

Crop year	All grades 1/		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yellow Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
Av. 1928-33.	14,081.7	100.0	9,545.8	67.8	2,180.7	15.5	1,995.7	14.2	18.3	0.1	60.3	0.4
1928.....	14,268.2	100.0	10,150.5	71.1	1,559.6	13.0	1,719.6	12.1	25.7	.2	176.1	1.2
1929.....	14,519.0	100.0	9,608.5	66.2	2,727.1	18.8	1,707.2	11.8	49.5	.3	56.5	.4
1930.....	13,732.2	100.0	9,927.1	72.3	2,362.5	17.2	1,269.9	9.2	7.3	2/	12.2	.1
1931.....	16,615.2	100.0	12,397.1	74.6	2,491.4	15.0	1,072.1	6.5	13.4	.1	54.2	.3
1932.....	12,701.3	100.0	8,203.7	64.6	1,73.6	16.0	2,250.7	17.7	10.5	.1	34.8	.3
1933.....	12,654.3	100.0	6,987.7	55.2	1,615.5	12.8	3,954.9	31.3	3.4	2/	28.2	.2
1934.....	9,458.0	100.0	7,190.3	76.0	920.3	9.8	1,278.5	13.5	10.4	.1	12.1	.1
1935.....	10,402.7	100.0	5,924.5	57.0	1,903.7	18.3	2,257.4	21.7	15.2	.1	46.4	.4

1/ Ginnings as reported by the Bureau of the Census.

2/ Less than 0.05 percent.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35

District 1/ and crop year	All. staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
All districts:													
Av. 1928-33.	4,371.2	100.0	557.6	12.7	1,684.1	38.5	1,493.7	34.2	527.2	12.1	108.6	2.5	15.04
1928.....	4,941.5	100.0	794.6	16.1	1,856.8	37.6	1,557.1	31.5	586.8	11.9	146.2	2.9	14.99
1929.....	3,803.2	100.0	974.2	25.6	1,260.5	33.2	955.9	25.1	480.8	12.6	131.8	3.5	14.86
1930.....	3,886.1	100.0	475.5	12.2	1,330.4	34.2	1,363.2	35.1	586.3	15.1	130.7	3.4	15.14
1931.....	5,068.8	100.0	446.5	8.8	2,123.4	41.9	1,719.3	33.9	678.3	13.4	101.3	2.0	15.08
1932.....	4,307.4	100.0	414.3	9.6	1,918.6	44.5	1,554.8	36.1	362.3	8.4	57.4	1.4	14.98
1933.....	4,220.3	100.0	240.4	5.7	1,615.3	38.3	1,811.9	42.9	468.8	11.1	83.9	2.0	15.16
1934.....	2,314.9	100.0	295.0	12.7	1,298.7	56.1	593.0	25.6	72.7	3.2	55.5	2.4	14.77
1935.....	2,849.7	100.0	482.3	16.9	1,167.2	41.0	936.1	32.8	211.0	7.4	53.1	1.9	14.87
1 - A:													
Av. 1928-33.	47.3	100.0	.9	1.9	.6	1.3	1.9	4.0	11.5	24.3	32.4	68.5	17.23
1928.....	58.8	100.0	2.3	3.9	1.6	2.7	4.3	7.3	14.7	25.0	35.9	61.1	16.98
1929.....	47.5	100.0	1.6	3.4	1.4	2.9	2.2	4.6	18.5	39.0	23.8	50.1	16.92
1930.....	51.9	100.0	.6	1.2	.2	.4	1.2	2.3	7.4	14.2	42.5	81.9	17.36
1931.....	49.2	100.0	1.1	2.2	---	---	2.7	5.5	10.7	21.8	34.7	70.5	17.25
1932.....	32.7	100.0	---	---	---	---	.4	1.2	7.3	22.3	25.0	76.5	17.67
1933.....	43.8	100.0	.1	.2	.1	.2	.9	2.1	10.3	23.5	32.4	74.0	17.36
1934.....	49.2	100.0	---	---	---	---	---	---	2.6	5.3	46.6	94.7	17.81
1935.....	35.9	100.0	---	---	---	---	.1	.3	1.6	4.4	34.2	95.3	17.80
1 - B:													
Av. 1928-33.	6.3	100.0	.1	1.6	.3	4.8	1.6	25.4	3.1	49.2	1.2	19.0	16.31
1928.....	7.9	100.0	.3	3.8	.2	2.5	.6	7.6	2.0	25.3	4.8	60.8	16.98
1929.....	6.9	100.0	---	---	.3	4.3	1.4	20.3	4.6	66.7	.6	8.7	16.30
1930.....	6.8	100.0	---	---	---	---	2.4	35.3	3.3	48.5	1.1	16.2	16.31
1931.....	5.8	100.0	.1	1.7	.9	15.5	2.9	50.0	1.8	31.1	.1	1.7	15.66
1932.....	3.2	100.0	---	---	---	---	.5	15.6	2.1	65.6	.6	18.8	16.53
1933.....	7.1	100.0	---	---	.2	2.8	2.0	28.2	4.7	66.2	.2	2.8	16.19
1934.....	7.1	100.0	---	---	---	---	.2	2.8	4.7	66.2	2.2	31.0	16.80
1935.....	7.9	100.0	---	---	---	---	.3	3.8	2.1	26.6	5.5	69.6	17.17

See footnotes at end of table.

Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple 2/ lengths		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	Sixteenth inches
2 - A:													
Av. 1928-33.	21.6	100.0	5.6	25.9	9.1	42.1	5.8	26.9	1.0	4.6	0.1	0.5	14.52
1928.....	33.3	100.0	5.1	15.3	13.6	40.9	13.2	39.6	1.4	4.2	---	---	14.83
1929.....	21.7	100.0	14.0	64.5	7.3	33.6	.4	1.9	---	---	---	---	13.37
1930.....	16.1	100.0	6.2	38.5	7.6	47.2	2.0	12.4	.2	1.3	.1	.6	14.28
1931.....	24.1	100.0	3.9	16.2	13.8	57.2	5.2	21.6	1.2	5.0	---	---	14.65
1932.....	15.3	100.0	1.8	11.8	7.1	46.4	6.2	40.5	.2	1.3	---	---	14.81
1933.....	18.9	100.0	2.7	14.3	5.3	28.0	7.8	41.3	2.8	14.8	.3	1.6	15.11
1934.....	7.9	100.0	2.2	27.9	4.6	58.2	.9	11.4	.2	2.5	---	---	14.39
1935.....	11.2	100.0	4.7	42.0	5.1	45.5	1.3	11.6	.1	.9	---	---	14.21
2 - B:													
Av. 1928-33.	106.3	100.0	41.5	39.0	47.9	45.1	13.4	12.6	3.2	3.0	.3	.3	14.31
1928.....	49.6	100.0	22.4	45.1	22.3	45.0	4.6	9.3	.2	.4	.1	.2	14.16
1929.....	93.2	100.0	52.6	56.5	34.6	37.1	5.4	5.8	.3	.3	.3	.3	14.01
1930.....	73.9	100.0	31.2	42.2	34.8	47.1	7.4	10.0	.5	.7	---	---	14.19
1931.....	173.4	100.0	85.7	49.4	82.5	47.6	4.8	2.8	.4	.2	---	---	14.04
1932.....	138.9	100.0	36.6	26.4	64.6	46.5	30.3	21.8	7.1	5.1	.3	.2	14.56
1933.....	108.8	100.0	20.7	19.0	48.6	44.7	27.6	25.4	10.8	9.9	1.1	1.0	14.30
1934.....	27.7	100.0	22.8	82.3	4.5	16.2	.3	1.1	.1	.4	---	---	13.59
1935.....	81.7	100.0	32.6	39.9	40.1	49.1	8.3	10.2	.5	.6	.2	.2	14.22
2 - C:													
Av. 1928-33.	149.5	100.0	41.4	27.7	64.0	42.8	35.7	23.9	7.9	5.3	.5	.3	14.58
1928.....	122.8	100.0	46.3	37.7	54.3	44.7	18.4	15.0	3.1	2.5	.1	.1	14.33
1929.....	115.6	100.0	84.9	73.5	28.1	24.3	1.9	1.6	.3	.3	.4	.3	13.80
1930.....	74.8	100.0	23.7	31.7	37.0	49.5	13.1	17.5	1.0	1.3	---	---	14.39
1931.....	160.5	100.0	43.3	27.0	91.3	56.9	22.8	14.2	2.6	1.6	.5	.3	14.41
1932.....	210.8	100.0	21.8	10.3	72.9	34.6	87.4	41.5	26.8	12.7	1.9	.9	15.09
1933.....	212.9	100.0	28.2	13.2	100.0	47.0	70.6	33.2	13.8	6.5	.3	.1	14.83
1934.....	22.1	100.0	14.0	63.3	6.9	31.2	1.1	5.0	.1	.5	---	---	13.93
1935.....	107.5	100.0	46.3	43.1	45.3	42.1	14.6	13.6	1.2	1.1	.1	.1	14.23

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple 2/ lengths		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
2 - D:													
Av. 1928-33.	105.5	100.0	28.8	27.3	49.8	47.2	22.3	21.1	4.4	4.2	0.2	0.2	14.53
1928.....	76.5	100.0	22.0	28.8	31.5	41.2	19.3	25.2	3.4	4.4	.3	.4	14.57
1929.....	92.6	100.0	66.5	71.8	22.8	24.6	3.2	3.5	.1	.1	---	---	13.82
1930.....	93.1	100.0	24.3	26.1	50.7	54.5	15.2	16.3	2.8	3.0	.1	.1	14.47
1931.....	145.9	100.0	19.9	13.6	107.1	73.4	18.3	12.6	.6	.4	---	---	14.50
1932.....	134.1	100.0	31.1	23.2	51.7	38.5	41.7	31.1	9.1	6.8	.5	.4	14.73
1933.....	90.7	100.0	9.1	10.0	34.8	38.4	36.0	39.7	10.6	11.7	.2	.2	15.04
1934.....	25.9	100.0	13.8	53.3	9.8	37.8	1.7	6.6	.4	1.5	.2	.8	14.09
1935.....	105.7	100.0	26.4	25.0	65.9	62.3	11.3	10.7	1.7	1.6	.4	.4	14.40
2 - E:													
Av. 1928-33.	39.7	100.0	8.1	20.4	18.0	45.3	10.6	26.7	2.9	7.3	.1	.3	14.72
1928.....	42.7	100.0	11.8	27.6	21.0	49.2	8.1	19.0	1.6	3.7	.2	.5	14.50
1929.....	36.4	100.0	27.8	76.4	5.0	13.7	3.2	8.8	.4	1.1	---	---	13.85
1930.....	29.9	100.0	2.6	8.7	10.3	34.4	9.8	32.8	6.8	22.8	.4	1.3	15.24
1931.....	54.3	100.0	1.5	2.8	41.9	77.1	10.4	19.2	.5	.9	---	---	14.68
1932.....	62.4	100.0	3.3	5.3	24.2	38.8	27.9	44.7	7.0	11.2	---	---	15.12
1933.....	12.5	100.0	1.4	11.2	5.4	43.2	4.4	35.2	1.2	9.6	.1	.8	14.96
1934.....	18.3	100.0	3.0	16.4	10.9	59.6	4.1	22.4	.3	1.6	---	---	14.59
1935.....	35.6	100.0	6.2	17.4	21.9	61.5	6.8	19.1	.7	2.0	---	---	14.56
3 - A:													
Av. 1928-33.	159.2	100.0	42.2	26.5	71.7	45.0	38.8	24.4	5.8	3.7	.7	.4	14.57
1928.....	213.6	100.0	57.4	26.9	85.2	39.9	56.2	26.3	12.1	5.7	2.7	1.2	14.66
1929.....	162.1	100.0	30.4	49.6	66.9	41.3	13.0	8.0	1.6	1.0	.2	.1	14.11
1930.....	105.9	100.0	25.5	24.1	52.4	49.5	25.8	24.3	2.2	2.1	---	---	14.54
1931.....	169.5	100.0	36.8	21.7	91.0	53.7	38.1	22.5	3.5	2.0	.1	.1	14.55
1932.....	157.3	100.0	29.4	18.7	79.2	50.3	43.7	27.8	4.7	3.0	.3	.2	14.66
1933.....	147.0	100.0	23.7	16.1	55.5	37.8	56.1	38.2	10.6	7.2	1.1	.7	14.89
1934.....	31.3	100.0	13.8	44.1	13.2	42.2	3.9	12.4	.4	1.3	---	---	14.21
1935.....	90.2	100.0	38.3	42.5	42.9	47.5	8.1	9.0	.8	.9	.1	.1	14.19

See footnotes at end of table.

Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple 2/ lengths		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
3 - B:													
Av. 1928-33.	153.1	100.0	34.8	22.8	72.6	47.4	39.7	25.9	5.5	3.6	0.5	0.3	14.61
1928.....	137.1	100.0	32.0	23.4	67.3	49.1	30.2	22.0	6.1	4.4	1.5	1.1	14.61
1929.....	123.3	100.0	72.8	59.1	43.8	35.5	6.1	4.9	.5	.4	.1	.1	13.97
1930.....	67.0	100.0	21.7	32.4	32.2	48.1	12.6	18.8	.5	.7	---	---	14.38
1931.....	146.6	100.0	21.4	14.6	84.4	57.6	34.8	23.7	5.8	4.0	.2	.1	14.67
1932.....	219.3	100.0	35.0	16.0	104.7	47.7	71.2	32.5	7.7	3.5	.7	.3	14.74
1933.....	225.0	100.0	25.6	11.4	103.3	45.9	83.7	37.2	12.1	5.4	.3	.1	14.87
1934.....	35.0	100.0	14.5	41.4	18.7	53.4	1.8	5.2	---	---	---	---	14.14
1935.....	118.0	100.0	54.1	45.8	55.6	47.1	7.5	6.4	.7	.6	.1	.1	14.12
3 - C:													
Av. 1928-33.	99.6	100.0	35.4	35.5	49.2	49.4	12.9	13.0	.9	.9	1.2	1.2	14.34
1928.....	85.6	100.0	36.0	42.1	35.9	41.9	7.1	8.3	1.8	2.1	4.8	5.6	14.43
1929.....	96.6	100.0	60.0	62.1	27.6	28.6	5.3	5.5	1.3	1.3	2.4	2.5	14.05
1930.....	60.3	100.0	25.4	42.1	27.2	45.1	7.3	12.1	.4	.7	---	---	14.21
1931.....	104.4	100.0	33.4	32.0	57.3	54.9	13.0	12.4	.6	.6	.1	.1	14.32
1932.....	116.9	100.0	26.9	23.0	67.7	57.9	21.8	18.7	.5	.4	---	---	14.46
1933.....	133.7	100.0	30.8	23.0	79.5	59.5	22.6	16.9	.8	.6	---	---	14.45
1934.....	34.6	100.0	8.2	23.7	19.8	57.2	6.1	17.6	.4	1.2	.1	.3	14.47
1935.....	83.4	100.0	34.6	41.5	41.1	49.3	7.1	8.5	.6	.7	---	---	14.18
3 - D:													
Av. 1928-33.	107.2	100.0	23.7	22.1	48.7	45.4	28.6	26.7	6.1	5.7	.1	.1	14.66
1928.....	86.9	100.0	25.2	29.0	39.3	45.2	19.1	22.0	3.3	3.8	---	---	14.51
1929.....	56.2	100.0	30.8	54.8	19.8	35.2	5.1	9.1	.4	.7	.1	.2	14.06
1930.....	49.4	100.0	20.9	42.3	23.4	47.4	5.0	10.1	.1	.2	---	---	14.18
1931.....	95.7	100.0	30.7	32.1	54.3	56.7	10.3	10.8	.4	.4	---	---	14.30
1932.....	198.0	100.0	13.3	6.7	78.5	39.6	81.1	41.0	24.9	12.6	.2	.1	15.10
1933.....	157.4	100.0	21.4	13.6	77.1	49.0	51.2	32.5	7.6	4.8	.1	.1	14.79
1934.....	39.2	100.0	14.6	37.2	22.3	56.9	2.3	5.9	---	---	---	---	14.19
1935.....	112.9	100.0	31.7	28.1	60.0	53.1	13.9	16.7	2.2	2.0	.1	.1	14.43

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches		
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	Sixteenth inches
3 - E:															
Av. 1928-33.	124.7	100.0	20.2	16.2	53.4	42.8	36.2	29.0	13.8	11.1	1.1	0.9	14.83		
1928.....	103.1	100.0	29.5	28.6	29.2	28.3	32.7	31.7	11.4	11.1	.3	.3	14.76		
1929.....	78.6	100.0	32.3	41.1	35.2	44.8	10.3	13.1	.8	1.0	---	---	14.24		
1930.....	64.7	100.0	15.1	23.3	35.1	54.3	12.6	19.5	1.7	2.6	.2	.3	14.52		
1931.....	116.4	100.0	15.9	13.7	82.3	71.1	16.8	14.4	.9	.8	---	---	14.52		
1932.....	228.4	100.0	20.3	3.9	67.0	29.3	75.8	33.2	59.6	26.1	5.7	2.5	15.34		
1933.....	157.0	100.0	8.1	5.2	70.8	45.1	69.3	44.1	8.3	5.3	.5	.3	15.01		
1934.....	41.9	100.0	11.2	26.7	25.8	61.6	4.7	11.2	.2	.5	---	---	14.35		
1935.....	106.6	100.0	25.9	24.3	45.5	42.7	31.9	29.9	3.2	3.0	.1	.1	14.62		
3 - F 4/:															
Av. 1928-33.	123.9	100.0	15.0	12.1	52.6	42.5	39.4	31.8	15.9	12.8	1.0	.8	14.98		
1928.....	126.3	100.0	22.3	17.7	30.6	24.2	47.6	37.7	24.8	19.6	1.0	.8	15.12		
1929.....	88.5	100.0	28.0	31.7	43.9	49.6	15.6	17.6	1.0	1.1	---	---	14.38		
1930.....	68.6	100.0	13.4	19.5	35.3	52.4	15.5	22.6	3.7	5.4	.1	.1	14.64		
1931.....	148.2	100.0	11.3	7.7	90.1	60.8	43.6	29.4	3.0	2.0	.2	.1	14.76		
1932.....	202.1	100.0	8.7	4.3	52.5	26.0	76.8	38.0	59.9	29.6	4.2	2.1	15.49		
1933.....	110.0	100.0	6.5	5.9	63.0	57.3	37.5	34.1	3.0	2.7	---	---	14.84		
1934.....	83.9	100.0	11.9	14.2	58.6	59.8	13.3	15.9	.1	.1	---	---	14.52		
1935.....	154.4	100.0	8.0	5.2	59.7	38.7	77.6	50.2	9.0	5.8	.1	.1	15.07		
4 - A 4/:															
Av. 1928-33.	1.6	100.0	.2	12.5	.7	43.7	.5	31.3	.2	12.5	---	---	14.94		
1928.....	2.0	100.0	.2	10.0	.7	35.0	.8	40.0	.3	15.0	---	---	15.10		
1929.....	1.5	100.0	.4	26.6	.7	46.7	.3	20.0	.1	6.7	---	---	14.57		
1930.....	1.5	100.0	.3	20.0	.7	46.7	.3	20.0	.2	13.3	---	---	14.77		
1931.....	1.5	100.0	.1	6.7	.9	60.0	.5	33.3	---	---	---	---	14.77		
1932.....	2.2	100.0	---	---	.9	40.9	1.1	50.0	.2	9.1	---	---	15.18		
1933.....	.9	100.0	---	---	.5	55.6	.3	33.3	.1	11.1	---	---	15.06		
1934.....	2.5	100.0	.3	12.0	1.6	64.0	.6	24.0	---	---	---	---	14.62		
1935.....	3.6	100.0	.1	2.8	1.2	33.3	2.1	58.3	.2	5.6	---	---	15.17		

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
4 - B 4/:													
Av. 1928-33.	6.1	100.0	1.1	18.0	3.2	52.5	1.4	22.9	0.4	6.6	---	---	14.66
1928.....	12.7	100.0	1.8	14.2	4.5	35.4	4.5	35.4	1.8	14.2	0.1	0.8	15.02
1929.....	5.8	100.0	2.6	44.8	2.7	46.6	.5	8.6	---	---	---	---	14.14
1930.....	7.2	100.0	1.8	25.0	4.8	66.7	.6	8.3	---	---	---	---	14.33
1931.....	4.4	100.0	.5	11.4	3.9	88.6	---	---	---	---	---	---	14.39
1932.....	3.0	100.0	.1	3.3	1.3	43.3	1.4	46.7	.2	6.7	---	---	15.07
1933.....	3.9	100.0	.1	2.6	2.1	53.8	1.5	38.5	.2	5.1	---	---	14.96
1934.....	19.3	100.0	5.0	25.9	12.3	63.7	1.9	9.9	.1	.5	---	---	14.35
1935.....	16.6	100.0	.2	1.2	6.0	36.2	9.7	58.4	.7	4.2	---	---	15.16
4 - C 4/:													
Av. 1928-33.	38.6	100.0	5.0	12.9	18.1	46.9	12.7	32.9	2.7	7.0	.1	.3	14.85
1928.....	63.2	100.0	7.4	11.7	25.3	40.0	23.2	36.7	7.0	11.1	.3	.5	14.99
1929.....	27.6	100.0	8.5	30.8	13.2	47.8	5.6	20.3	.3	1.1	---	---	14.42
1930.....	39.9	100.0	11.4	28.6	20.8	52.1	6.9	17.3	.8	2.0	---	---	14.43
1931.....	38.7	100.0	1.4	3.6	19.0	49.1	15.2	39.3	3.1	8.0	---	---	15.02
1932.....	33.0	100.0	1.0	3.0	16.2	49.1	13.4	40.6	2.4	7.3	---	---	15.02
1933.....	29.2	100.0	.6	2.1	14.1	48.3	11.9	40.7	2.5	8.6	.1	.3	15.07
1934.....	22.7	100.0	.7	3.1	13.9	61.2	6.8	30.0	1.3	5.7	---	---	14.88
1935.....	29.3	100.0	.7	2.4	9.9	33.8	17.3	59.0	1.4	4.8	---	---	15.16
4 - D 4/:													
Av. 1928-33.	72.0	100.0	8.3	11.5	37.0	51.4	22.7	31.5	3.8	5.3	.2	.3	14.81
1928.....	88.2	100.0	13.0	14.7	34.4	39.0	30.7	34.8	9.4	10.7	.7	.8	14.94
1929.....	69.0	100.0	19.4	28.1	35.5	51.4	12.4	18.0	1.7	2.5	---	---	14.45
1930.....	35.9	100.0	10.7	29.8	21.0	58.5	3.6	10.0	.6	1.7	---	---	14.34
1931.....	89.8	100.0	4.6	5.1	62.0	69.1	22.4	24.9	.8	.9	---	---	14.72
1932.....	99.0	100.0	.8	.8	41.0	41.4	48.9	49.4	8.2	8.3	.1	.1	15.15
1933.....	50.1	100.0	1.8	3.6	28.1	56.1	17.9	35.7	2.2	4.4	.1	.2	14.92
1934.....	11.9	100.0	.2	1.7	8.2	68.9	3.4	28.6	.1	.8	---	---	14.79
1935.....	6.9	100.0	---	---	2.8	40.6	3.7	53.6	.4	5.8	---	---	15.15

See footnotes at end of table.

Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ 1,000 bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
4 - E 4/:													
Av. 1928-33.	10.3	100.0	1.2	11.7	5.1	49.5	3.4	33.0	0.6	5.8	---	---	14.83
1928.....	9.6	100.0	1.3	13.6	3.6	37.5	3.2	33.3	1.4	14.6	0.1	1.0	15.02
1929.....	16.1	100.0	4.8	29.8	8.1	50.3	2.9	18.0	.3	1.9	---	---	14.42
1930.....	11.9	100.0	.9	7.6	7.0	58.8	3.4	28.6	.5	4.2	.1	.8	14.82
1931.....	11.8	100.0	.3	2.6	5.7	48.3	5.1	43.2	.7	5.9	---	---	15.03
1932.....	5.3	100.0	.1	1.9	2.4	45.3	2.6	49.0	.2	3.8	---	---	15.05
1933.....	7.2	100.0	.2	2.8	3.8	52.8	2.8	38.9	.4	5.5	---	---	14.97
5 - A:													
Av. 1928-33.	31.1	100.0	7.1	22.8	17.4	56.0	6.2	19.9	.4	1.3	---	---	14.50
1928.....	32.0	100.0	8.6	26.3	16.3	50.9	5.9	13.5	1.1	3.4	.1	.3	14.49
1929.....	23.6	100.0	13.5	57.2	8.1	34.3	2.0	8.5	---	---	---	---	14.01
1930.....	21.0	100.0	6.4	30.5	11.5	54.7	3.0	14.3	.1	.5	---	---	14.35
1931.....	37.5	100.0	7.1	18.9	21.5	57.4	8.4	22.4	.5	1.3	---	---	14.56
1932.....	32.1	100.0	3.4	10.6	24.6	76.6	4.1	12.8	---	---	---	---	14.52
1933.....	40.1	100.0	3.6	9.0	21.8	54.4	13.9	34.7	.7	1.7	.1	.2	14.80
1934.....	13.3	100.0	4.7	35.3	8.4	63.2	.2	1.5	---	---	---	---	14.16
1935.....	28.2	100.0	11.3	40.1	15.5	54.9	1.4	5.0	---	---	---	---	14.15
5 - B 4/:													
Av. 1928-33.	49.4	100.0	5.6	11.3	22.4	45.4	18.1	36.6	3.1	6.3	.2	.4	14.89
1928.....	59.7	100.0	5.9	9.9	20.9	35.0	26.2	43.9	6.5	10.9	.2	.3	15.07
1929.....	44.2	100.0	14.2	32.1	13.6	42.1	9.9	22.4	1.5	3.4	---	---	14.47
1930.....	35.8	100.0	4.5	12.6	13.6	38.0	15.3	42.7	2.2	6.1	.2	.6	14.94
1931.....	59.6	100.0	4.5	7.6	35.5	59.5	13.1	30.4	1.5	2.5	---	---	14.78
1932.....	48.8	100.0	3.8	7.8	31.1	63.7	13.7	28.1	.2	.4	---	---	14.71
1933.....	48.3	100.0	.8	1.7	14.8	30.6	25.5	52.8	6.7	13.9	.5	1.0	15.32
1934.....	10.7	100.0	2.3	21.5	7.2	67.3	1.2	11.2	---	---	---	---	14.40
1935.....	14.5	100.0	4.2	29.0	9.2	63.4	1.1	7.6	---	---	---	---	14.29

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	
5 - C 4/:													
Av. 1928-33.	36.0	100.0	6.7	18.6	16.4	45.5	11.0	30.6	1.9	5.3	---	---	14.73
1928.....	48.1	100.0	6.6	13.7	19.2	39.9	17.3	36.0	4.9	10.2	0.1	0.2	14.93
1929.....	31.2	100.0	21.5	68.9	3.5	27.3	1.0	3.2	.2	.6	---	---	13.86
1930.....	22.3	100.0	7.8	35.0	10.6	47.5	3.3	14.8	.6	2.7	---	---	14.35
1931.....	39.4	100.0	3.1	7.9	27.5	69.8	8.7	22.1	.1	.2	---	---	14.65
1932.....	39.4	100.0	.3	.8	11.9	30.2	22.5	57.1	4.7	11.9	---	---	15.30
1933.....	35.7	100.0	.7	2.0	20.9	58.5	13.2	37.0	.9	2.5	---	---	14.90
1934.....	20.6	100.0	3.0	14.6	13.6	66.0	3.8	18.4	.2	1.0	---	---	14.56
1935.....	26.6	100.0	1.9	7.2	17.7	66.5	6.9	25.9	.1	.4	---	---	14.70
6 - A :													
Av. 1928-33.	58.8	100.0	8.7	14.8	28.3	48.1	19.9	33.9	1.9	3.2	---	---	14.76
1928.....	58.4	100.0	21.7	37.2	29.2	50.0	6.8	11.6	.6	1.0	.1	.2	14.27
1929.....	54.8	100.0	13.2	24.1	24.8	45.3	15.8	28.8	1.0	1.8	---	---	14.58
1930.....	43.6	100.0	9.1	20.9	24.2	55.5	9.5	21.8	.8	1.8	---	---	14.55
1931.....	70.7	100.0	2.7	3.8	33.2	47.0	30.5	43.1	4.3	6.1	---	---	15.01
1932.....	60.0	100.0	3.2	5.3	34.1	56.8	22.2	37.0	.5	.9	---	---	14.83
1933.....	65.3	100.0	2.2	3.4	24.1	36.9	34.6	53.0	4.4	6.7	---	---	15.13
1934.....	26.2	100.0	3.2	12.2	20.8	79.4	2.1	8.0	.1	.4	---	---	14.47
1935.....	42.3	100.0	5.6	13.2	23.8	56.3	12.7	30.0	.2	.5	---	---	14.68
6 - B :													
Av. 1928-33.	33.7	100.0	2.8	8.3	17.1	50.8	12.0	35.6	1.7	5.0	.1	.3	14.88
1928.....	46.5	100.0	2.5	5.4	16.5	35.5	21.1	45.4	6.0	12.9	.4	.8	15.18
1929.....	30.7	100.0	8.3	27.0	18.3	59.6	3.7	12.1	.4	1.3	---	---	14.38
1930.....	24.8	100.0	3.7	14.9	12.0	48.4	7.4	29.8	1.7	6.9	---	---	14.79
1931.....	31.8	100.0	1.6	5.0	20.3	63.8	9.4	29.6	.5	1.6	---	---	14.78
1932.....	31.5	100.0	.4	1.3	17.2	54.6	13.3	42.2	.6	1.9	---	---	14.95
1933.....	37.1	100.0	.6	1.6	18.3	49.4	17.0	45.8	1.2	3.2	---	---	15.01
1934.....	18.1	100.0	1.5	8.3	13.6	75.1	3.0	16.6	---	---	---	---	14.58
1935.....	27.6	100.0	.6	2.2	18.6	67.4	7.9	28.6	.5	1.8	---	---	14.30

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ 1,000 bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length3/ Sixteenth inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
6 - C :													
Av. 1928-33.	35.0	100.0	3.2	9.2	18.8	53.7	11.2	32.0	1.8	5.1	---	---	14.83
1928.....	38.5	100.0	3.0	7.8	19.4	50.4	12.7	33.0	3.2	8.3	0.2	0.5	14.93
1929.....	30.8	100.0	7.3	23.7	16.7	54.2	6.1	19.8	.7	2.3	---	---	14.51
1930.....	34.7	100.0	5.3	15.3	19.2	55.3	7.7	22.2	2.5	7.2	---	---	14.71
1931.....	39.4	100.0	2.3	5.8	22.4	56.9	12.2	31.0	2.5	6.3	---	---	14.88
1932.....	32.3	100.0	.3	.9	16.4	50.8	14.5	44.9	1.1	3.4	---	---	15.01
1933.....	34.2	100.0	.7	2.0	13.1	55.9	13.6	39.8	.8	2.3	---	---	14.92
1934.....	19.5	100.0	2.2	11.3	15.6	80.0	1.7	8.7	---	---	---	---	14.47
1935.....	29.0	100.0	.1	.3	14.7	50.7	13.1	45.2	1.1	3.8	---	---	15.02
7 - A :													
Av. 1928-33.	338.0	100.0	10.7	3.2	105.7	31.3	163.8	48.4	53.9	15.9	3.9	1.2	15.31
1928.....	327.9	100.0	25.5	7.8	117.3	35.8	125.2	38.2	50.6	15.4	9.3	2.8	15.20
1929.....	318.4	100.0	18.0	5.7	109.8	34.5	118.3	37.1	67.1	21.1	5.2	1.6	15.29
1930.....	294.4	100.0	10.9	3.7	84.7	28.8	162.1	55.1	36.0	12.2	.7	.2	15.27
1931.....	473.8	100.0	3.1	.7	117.5	24.8	245.6	51.8	102.6	21.7	5.0	1.0	15.48
1932.....	314.6	100.0	5.5	1.7	143.9	45.7	152.5	48.5	12.2	3.9	.5	.2	15.05
1933.....	299.1	100.0	1.2	.4	60.9	20.4	179.5	60.0	54.6	18.2	2.9	1.0	15.49
1934.....	178.0	100.0	8.3	4.7	130.3	73.2	38.0	21.3	1.4	.8	---	---	14.68
1935.....	149.5	100.0	13.3	8.9	67.7	45.3	59.2	39.6	8.9	5.9	.4	.3	14.33
7 - B :													
Av. 1928-33.	276.6	100.0	8.3	3.0	99.1	35.8	136.1	49.2	31.5	11.4	1.6	.6	15.21
1928.....	286.9	100.0	15.3	5.3	99.7	34.3	126.4	44.1	42.0	14.6	3.5	1.2	15.22
1929.....	242.4	100.0	14.4	5.9	94.2	38.9	96.9	40.0	34.5	14.2	2.4	1.0	15.16
1930.....	234.9	100.0	7.6	3.2	60.7	25.9	132.8	56.5	33.4	14.2	.4	.2	15.32
1931.....	374.6	100.0	7.3	1.9	138.5	37.0	173.2	46.3	52.6	14.0	3.0	.8	15.25
1932.....	256.5	100.0	2.5	1.0	123.5	43.1	125.7	49.0	4.8	1.9	---	---	15.02
1933.....	264.4	100.0	2.6	1.0	77.9	29.4	162.0	61.3	21.7	8.2	.2	.1	15.27
1934.....	178.1	100.0	6.4	3.6	145.0	81.4	26.2	14.7	.5	.3	---	---	14.52
1935.....	165.4	100.0	6.6	4.0	99.9	60.4	56.3	34.0	2.4	1.5	.2	.1	14.33

See footnotes at end of table.

Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
7 - C 4/:													
Av. 1928-33.	284.8	100.0	10.5	3.7	104.3	36.6	133.5	46.9	35.4	12.4	1.1	0.4	15.19
1928.....	357.0	100.0	28.6	8.0	133.9	37.5	147.5	41.3	44.6	12.5	2.4	.7	15.10
1929.....	285.6	100.0	14.6	5.1	103.3	36.2	129.4	45.3	37.1	13.0	1.2	.4	15.17
1930.....	242.8	100.0	5.9	2.4	78.5	32.4	120.7	49.7	37.4	15.4	.3	.1	15.28
1931.....	336.9	100.0	8.3	2.4	133.8	39.7	154.9	46.0	39.7	11.8	.2	.1	15.17
1932.....	226.2	100.0	5.1	2.3	108.3	48.1	98.5	43.5	13.8	6.1	---	---	15.03
1933.....	260.2	100.0	.6	.2	67.6	26.0	149.7	57.6	39.9	15.3	2.4	.9	15.41
1934.....	184.9	100.0	3.9	2.1	122.1	66.0	55.2	29.9	3.6	1.9	.1	.1	14.32
1935.....	201.0	100.0	9.8	4.9	88.5	44.0	92.1	45.8	10.6	5.3	---	---	15.01
7 - D :													
Av. 1928-33.	237.1	100.0	12.5	5.3	87.5	36.9	106.4	44.9	30.2	12.7	.5	.2	15.16
1928.....	306.1	100.0	34.7	11.3	116.5	38.1	117.5	38.4	36.0	11.8	1.4	.4	15.02
1929.....	188.9	100.0	15.3	8.1	70.4	37.3	84.2	44.6	18.5	9.8	.5	.2	15.07
1930.....	249.9	100.0	9.9	4.0	75.7	30.3	115.9	46.4	48.1	19.2	.3	.1	15.31
1931.....	286.2	100.0	10.2	3.6	101.8	35.5	128.6	44.9	45.4	15.9	.2	.1	15.23
1932.....	180.2	100.0	4.6	2.6	84.2	46.7	78.5	43.5	12.8	7.1	.1	.1	15.05
1933.....	211.7	100.0	.6	.3	76.8	36.3	113.5	53.6	20.6	9.7	.2	.1	15.23
1934.....	166.2	100.0	1.1	.7	88.5	53.2	72.1	43.4	4.5	2.7	---	---	14.98
1935.....	124.0	100.0	1.5	1.2	33.4	26.9	74.9	60.4	13.7	11.1	.5	.4	15.33
7 - E 4/:													
Av. 1928-33.	71.0	100.0	2.6	3.7	24.6	34.6	32.8	46.2	10.8	15.2	.2	.3	15.24
1928.....	108.7	100.0	8.3	7.6	41.8	38.5	43.7	40.2	14.1	13.0	.8	.7	15.11
1929.....	28.9	100.0	1.5	5.2	9.8	33.9	14.0	48.4	3.6	12.5	---	---	15.18
1930.....	96.4	100.0	2.8	2.9	25.0	26.0	46.2	47.9	22.2	23.0	.2	.2	15.42
1931.....	77.4	100.0	1.3	1.7	21.6	27.9	37.5	48.4	16.6	21.5	.4	.5	15.41
1932.....	56.8	100.0	1.1	1.9	22.4	39.4	25.6	45.1	7.7	13.6	---	---	15.20
1933.....	57.9	100.0	.3	.5	26.7	46.1	30.2	52.2	.7	1.2	---	---	15.04
1934.....	70.8	100.0	.6	.8	35.6	50.3	32.4	45.8	2.2	3.1	---	---	15.01
1935.....	40.3	100.0	.1	.2	7.0	17.4	24.2	60.1	9.0	22.3	---	---	15.54

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ inches
	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	
8 - A:													
Av. 1928-33.	28.6	100.0	0.6	2.1	8.2	28.7	12.8	44.8	6.7	23.4	0.3	1.0	15.43
1928.....	41.0	100.0	1.4	3.4	9.7	23.6	16.1	39.3	13.4	32.7	.4	1.0	15.54
1929.....	18.8	100.0	.4	2.1	3.5	18.6	11.1	59.1	3.4	18.1	.4	2.1	15.49
1930.....	32.2	100.0	.4	1.2	5.6	17.4	14.1	43.8	11.9	37.0	.2	.6	15.68
1931.....	31.3	100.0	.5	1.6	8.5	27.2	13.8	44.1	7.7	24.6	.8	2.5	15.40
1932.....	20.4	100.0	.6	3.0	11.0	53.9	8.1	39.7	.7	3.4	---	---	14.94
1933.....	27.8	100.0	---	---	11.1	39.9	13.4	48.2	3.1	11.2	.2	.7	15.23
1934.....	20.6	100.0	.5	2.4	12.5	60.7	7.3	35.4	.3	1.5	---	---	14.86
1935.....	11.2	100.0	---	---	2.0	17.9	8.1	72.3	1.1	9.8	---	---	15.42
8 - B:													
Av. 1928-33.	131.4	100.0	17.3	13.2	62.2	47.3	42.7	32.5	8.5	6.5	.7	.5	14.84
1928.....	171.3	100.0	23.7	13.8	72.9	42.6	58.2	34.0	14.2	8.3	2.3	1.3	14.91
1929.....	106.1	100.0	27.6	26.0	39.0	36.8	29.2	27.5	9.7	9.1	.6	.6	14.72
1930.....	125.0	100.0	15.0	12.0	56.0	44.8	43.4	34.7	10.3	8.3	.3	.2	14.90
1931.....	156.8	100.0	13.4	8.5	75.8	48.4	54.3	34.6	12.4	7.9	.9	.6	14.94
1932.....	113.2	100.0	18.3	16.2	71.1	62.8	22.8	20.1	.9	.8	.1	.1	14.55
1933.....	115.7	100.0	5.8	5.0	57.8	50.0	48.4	41.8	3.6	3.1	.1	.1	14.93
1934.....	80.9	100.0	4.9	6.1	49.3	60.9	23.4	28.9	3.3	4.1	---	---	14.81
1935.....	87.4	100.0	4.2	4.8	49.1	56.2	31.8	36.4	2.3	2.6	---	---	14.87
8 - C:													
Av. 1928-33.	138.0	100.0	49.4	35.8	68.3	43.5	17.1	12.4	2.6	1.9	.6	.4	14.32
1928.....	200.6	100.0	76.1	37.9	90.0	44.9	28.0	14.0	5.7	2.8	.8	.4	14.33
1929.....	146.3	100.0	65.0	44.4	61.6	42.1	15.1	10.3	3.2	2.2	1.4	1.0	14.23
1930.....	136.3	100.0	55.7	40.9	63.7	46.7	14.0	10.3	2.2	1.6	.7	.5	14.24
1931.....	146.3	100.0	29.5	20.2	81.6	55.8	30.9	21.1	3.8	2.6	.5	.3	14.57
1932.....	178.0	100.0	51.7	47.9	51.1	47.3	5.0	4.6	.2	.2	---	---	14.07
1933.....	90.4	100.0	18.4	20.4	62.0	68.6	9.6	10.6	.4	.4	---	---	14.41
1934.....	74.9	100.0	41.0	54.7	31.9	42.6	2.0	2.7	---	---	---	---	13.98
1935.....	90.6	100.0	47.8	52.7	38.4	42.4	3.7	4.1	.6	.7	.1	.1	14.03

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	
8 - D :													
Av. 1928-33.	59.5	100.0	21.2	35.6	27.9	46.9	9.3	15.6	1.0	1.7	0.1	0.2	14.34
1928.....	83.4	100.0	34.3	41.1	36.5	43.8	10.1	12.1	2.3	2.8	.2	.2	14.27
1929.....	74.1	100.0	42.7	57.6	24.7	33.4	6.4	8.6	.3	.4	---	---	14.02
1930.....	53.0	100.0	20.3	38.3	25.4	47.9	6.9	13.0	.4	.8	---	---	14.26
1931.....	65.2	100.0	4.6	7.1	36.1	55.4	21.6	33.1	2.7	4.1	.2	.3	14.85
1932.....	43.3	100.0	22.3	51.5	19.1	44.1	1.9	4.4	---	---	---	---	14.03
1933.....	38.0	100.0	2.9	7.6	25.5	67.1	9.0	23.7	.6	1.6	---	---	14.69
1934.....	28.6	100.0	12.3	43.0	16.1	56.3	.2	.7	---	---	---	---	14.08
1935.....	37.2	100.0	14.4	38.7	20.6	55.4	2.1	5.6	.1	.3	---	---	14.17
8 - E :													
Av. 1928-33.	165.3	100.0	25.9	15.7	74.8	45.2	51.5	31.2	11.9	7.2	1.2	.7	14.82
1928.....	263.0	100.0	40.4	15.4	106.2	40.4	83.1	31.6	27.9	10.6	5.4	2.0	14.94
1929.....	202.5	100.0	57.4	28.4	92.9	45.9	43.6	21.5	7.5	3.7	1.1	.5	14.52
1930.....	118.6	100.0	23.0	19.4	50.8	42.8	35.4	29.8	9.2	7.8	.2	.2	14.76
1931.....	163.0	100.0	10.7	6.6	77.5	47.5	58.4	35.8	15.9	9.8	.5	.3	15.00
1932.....	123.0	100.0	21.0	17.1	75.5	61.4	24.9	20.2	1.5	1.2	.1	.1	14.56
1933.....	121.6	100.0	2.7	2.2	46.0	37.8	63.6	52.3	9.2	7.6	.1	.1	15.15
1934.....	73.3	100.0	23.7	32.3	44.6	60.9	5.0	6.8	---	---	---	---	14.24
1935.....	88.3	100.0	21.8	24.7	44.3	50.2	20.8	23.5	1.4	1.6	---	---	14.52
8 - F :													
Av. 1928-33.	116.1	100.0	17.1	14.7	43.3	37.3	37.9	32.7	14.8	12.7	3.0	2.6	15.01
1928.....	138.8	100.0	27.6	19.9	41.4	29.8	41.0	29.5	20.6	14.9	8.2	5.9	15.08
1929.....	137.0	100.0	37.0	27.0	49.7	36.3	34.7	25.3	13.6	9.9	2.0	1.5	14.73
1930.....	88.2	100.0	12.5	14.2	32.1	36.4	33.9	38.4	8.8	10.0	.9	1.0	14.97
1931.....	149.0	100.0	5.0	3.4	48.9	32.8	61.0	40.9	29.0	19.5	5.1	3.4	15.37
1932.....	96.5	100.0	16.4	17.0	55.6	57.6	21.3	22.1	2.9	3.0	.3	.3	14.62
1933.....	86.9	100.0	4.1	4.7	32.1	36.9	35.3	40.6	13.8	15.9	1.6	1.9	15.23
1934.....	59.2	100.0	21.4	36.1	33.2	56.1	4.5	7.6	.1	.2	---	---	14.22
1935.....	58.3	100.0	23.5	40.3	25.7	44.1	8.0	13.7	1.0	1.7	.1	.2	14.27

See footnotes at end of table.

Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35-- Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	
9 - A:													
Av. 1928-33.	29.4	100.0	2.8	9.5	14.2	48.3	8.7	29.6	3.0	10.2	0.7	2.4	14.98
1928.....	39.8	100.0	3.1	7.8	10.9	27.4	12.0	30.2	10.8	27.1	3.0	7.5	15.50
1929.....	22.5	100.0	2.5	11.1	9.6	42.7	7.2	32.0	3.0	13.3	.2	.9	15.00
1930.....	28.2	100.0	3.9	13.8	13.0	46.1	9.7	34.4	1.5	5.3	.1	.4	14.82
1931.....	32.1	100.0	2.8	8.7	15.3	47.7	10.6	33.0	2.5	7.8	.9	2.8	15.00
1932.....	28.9	100.0	4.2	14.5	19.2	66.5	5.2	18.0	.2	.7	.1	.3	14.56
1933.....	24.9	100.0	.4	1.6	17.2	69.1	7.1	28.5	.2	.8	---	---	14.79
1934.....	23.6	100.0	1.8	7.6	19.0	80.5	2.8	11.9	---	---	---	---	14.54
1935.....	18.1	100.0	1.4	7.7	12.5	69.1	3.8	21.0	.3	1.7	.1	.5	14.68
9 - B:													
Av. 1928-33.	37.7	100.0	1.0	2.7	14.7	39.0	15.6	41.4	5.9	15.6	.5	1.3	15.24
1928.....	49.2	100.0	1.7	3.5	17.2	35.0	19.6	39.8	9.9	20.1	.8	1.6	15.32
1929.....	27.4	100.0	1.0	3.7	9.7	35.4	10.8	39.4	5.7	20.8	.2	.7	15.30
1930.....	36.7	100.0	1.2	3.3	11.7	31.9	16.0	43.6	7.5	20.4	.3	.8	15.34
1931.....	46.1	100.0	.8	1.7	15.8	34.3	18.4	39.9	9.6	20.8	1.5	3.3	15.40
1932.....	34.9	100.0	1.2	3.4	21.1	60.5	12.1	34.7	.5	1.4	---	---	14.84
1933.....	31.9	100.0	.1	.3	12.5	39.2	16.8	52.7	2.4	7.5	.1	.3	15.13
1934.....	26.6	100.0	.6	2.3	11.6	43.6	13.5	50.7	.8	3.0	.1	.4	15.06
1935.....	22.3	100.0	---	---	3.6	16.1	14.5	65.1	3.6	16.1	.6	2.7	15.55
9 - C:													
Av. 1928-33.	81.4	100.0	2.8	3.5	30.6	37.6	32.9	40.4	11.6	14.2	3.5	4.3	15.29
1928.....	107.6	100.0	6.0	5.6	45.3	42.1	39.4	36.6	15.2	14.1	1.7	1.6	15.14
1929.....	50.5	100.0	2.6	5.1	21.1	41.8	20.2	40.0	6.4	12.7	.2	.4	15.12
1930.....	84.1	100.0	3.8	4.5	31.4	37.4	35.8	42.6	12.9	15.3	.2	.2	15.19
1931.....	99.5	100.0	2.8	2.8	31.9	32.1	47.9	48.1	15.8	15.9	1.1	1.1	15.30
1932.....	71.4	100.0	1.4	2.0	33.0	46.2	19.5	27.3	8.6	12.0	8.9	12.5	15.41
1933.....	75.1	100.0	.2	.3	21.3	28.3	34.6	46.1	10.3	13.7	8.7	11.6	15.60
1934.....	55.5	100.0	1.0	1.8	17.1	30.8	24.8	44.7	8.4	15.1	4.2	7.6	15.46
1935.....	57.2	100.0	.1	.2	7.6	13.3	27.7	48.4	13.6	23.8	8.2	14.3	15.91

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ 1,000 bales		Shorter than 7/8 inch 1,000 bales		7/8 and 29/32 inch 1,000 bales		15/16 and 31/32 inch 1,000 bales		1 and 1-1/32 inches 1,000 bales		1-1/16 inches and longer 1,000 bales		Average staple length 3/ Sixteenth inches
	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent	Per- cent		
9 - D 4/:													
Av. 1928-33.	45.5	100.0	1.1	2.4	13.8	30.3	21.7	47.7	8.5	18.7	0.4	0.9	15.35
1928.....	59.3	100.0	3.3	5.6	26.5	44.7	22.8	38.4	6.5	11.0	.2	.3	15.06
1929.....	20.5	100.0	.5	2.4	4.8	23.4	11.8	57.6	3.3	16.1	.1	.5	15.39
1930.....	63.9	100.0	1.9	3.0	16.3	25.5	29.8	46.6	15.2	23.8	.7	1.1	15.45
1931.....	50.1	100.0	.4	.8	12.2	24.4	22.9	45.7	13.4	26.7	1.2	2.4	15.56
1932.....	28.4	100.0	.4	1.4	11.7	41.2	11.9	41.9	4.3	15.1	.1	.4	15.22
1933.....	50.6	100.0	.2	.4	11.4	22.5	30.9	61.1	8.0	15.8	.1	.2	15.43
10 - A 4/:													
Av. 1928-33.	101.7	100.0	7.2	7.1	37.0	36.4	41.2	40.5	15.9	15.6	.4	.4	15.16
1928.....	91.1	100.0	25.7	28.2	43.9	48.2	17.4	19.1	3.7	4.1	.4	.4	14.50
1929.....	91.6	100.0	1.5	1.6	20.5	22.4	43.9	47.9	25.1	27.4	.6	.7	15.53
1930.....	166.9	100.0	7.8	4.7	53.9	32.3	76.3	45.7	27.9	16.7	1.0	.6	15.26
1931.....	90.1	100.0	2.4	2.7	24.3	27.0	37.4	41.5	25.6	28.4	.4	.4	15.47
1932.....	79.5	100.0	2.6	3.3	40.9	51.4	33.7	42.4	2.2	2.8	.1	.1	14.95
1933.....	91.0	100.0	3.3	3.6	38.2	42.0	38.3	42.1	11.1	12.2	.1	.1	15.13
1934.....	53.2	100.0	1.8	3.4	41.6	78.2	9.7	18.2	.1	.2	---	---	14.65
1935.....	32.3	100.0	---	---	5.5	17.0	24.6	76.2	2.2	6.8	---	---	15.40
10 - B :													
Av. 1928-33.	125.1	100.0	2.4	1.9	37.3	23.8	56.3	45.0	27.4	21.9	1.7	1.4	15.41
1928.....	153.7	100.0	8.5	5.5	63.5	41.3	58.5	38.1	21.8	14.2	1.4	.9	15.14
1929.....	62.1	100.0	1.0	1.6	11.6	18.7	26.6	42.8	20.3	32.7	2.6	4.2	15.69
1930.....	183.5	100.0	2.2	1.2	42.7	23.3	83.8	45.7	52.4	28.5	2.4	1.3	15.56
1931.....	126.7	100.0	.2	.2	22.3	17.6	53.2	42.0	47.4	37.4	3.6	2.8	15.75
1932.....	94.7	100.0	1.9	2.0	41.7	44.1	43.4	45.8	7.7	8.1	---	---	15.10
1933.....	130.0	100.0	.3	.2	42.4	32.6	72.5	55.8	14.8	11.4	---	---	15.28
1934.....	92.3	100.0	.9	1.0	45.2	49.0	42.8	46.3	3.4	3.7	---	---	15.03
1935.....	54.7	100.0	.1	.2	7.6	13.9	40.7	74.4	6.2	11.3	.1	.2	15.47

See footnotes at end of table



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ 1,000 bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple lengths 3/ Sixteenth inches
	Per- cent	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
10 - C 4/:													
1934.....	32.3	100.0	0.2	0.6	8.5	26.3	20.4	63.2	3.0	9.3	0.2	0.6	15.33
1935.....	21.9	100.0	---	---	3.4	15.5	15.4	70.3	3.1	14.2	---	---	15.49
11 - A:													
Av. 1928-33.	67.4	100.0	1.1	1.6	9.0	13.4	17.6	26.1	24.1	35.8	15.6	23.1	16.21
1928.....	89.3	100.0	3.9	4.4	21.5	24.1	30.1	33.7	24.9	27.9	8.9	9.9	15.67
1929.....	105.6	100.0	.3	.3	5.2	4.9	24.3	23.0	39.7	37.6	36.1	34.2	16.61
1930.....	79.7	100.0	.4	.5	5.4	6.8	12.0	15.1	29.5	37.0	32.4	40.6	16.73
1931.....	51.1	100.0	1.2	2.3	12.4	24.3	17.3	33.9	17.2	33.6	3.0	5.9	15.67
1932.....	29.1	100.0	.5	1.7	8.1	27.8	11.3	38.9	8.9	30.6	.3	1.0	15.51
1933.....	49.8	100.0	---	---	1.3	2.6	10.8	21.7	24.8	49.8	12.9	25.9	16.51
1934.....	67.0	100.0	.8	1.2	14.5	21.6	39.3	58.7	11.9	17.8	.5	.7	15.45
1935.....	42.3	100.0	---	---	1.4	3.3	20.5	48.5	20.3	48.0	.1	.2	15.95
11 - B:													
Av. 1928-33.	27.6	100.0	1.2	4.3	5.3	19.2	9.8	35.5	9.6	34.8	1.7	6.2	15.70
1928.....	26.2	100.0	5.9	22.5	14.1	53.8	5.2	19.9	.9	3.4	.1	.4	14.55
1929.....	36.6	100.0	.7	1.9	3.8	10.4	16.2	44.3	11.4	31.1	4.5	12.3	15.96
1930.....	31.5	100.0	.3	1.0	4.2	13.3	10.7	34.0	14.0	44.4	2.3	7.3	15.94
1931.....	22.7	100.0	.1	.4	1.2	5.3	7.2	31.7	12.6	55.5	1.6	7.1	16.13
1932.....	18.9	100.0	.1	.5	6.9	36.5	11.0	58.2	.9	4.8	---	---	15.17
1933.....	29.5	100.0	---	---	1.5	5.1	8.2	27.8	17.9	60.7	1.9	6.4	16.18
1934.....	19.5	100.0	1.3	6.7	13.0	66.6	5.1	26.2	.1	.5	---	---	14.71
1935.....	16.5	100.0	---	---	1.9	11.5	11.0	66.7	3.6	21.8	---	---	15.60

See footnotes at end of table.

Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ inches
	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	
11 - C ;													
Av. 1928-33.	160.8	100.0	4.6	2.9	28.2	17.5	52.9	32.9	62.6	38.9	12.5	7.8	15.85
1928.....	136.2	100.0	18.2	13.4	47.3	34.7	44.2	32.5	23.7	17.4	2.8	2.0	15.10
1929.....	201.0	100.0	2.7	1.4	9.1	4.5	47.8	23.8	108.4	53.9	33.0	16.4	16.31
1930.....	206.7	100.0	1.5	.7	29.0	14.0	77.6	37.6	86.4	41.8	12.2	5.9	15.89
1931.....	154.4	100.0	.4	.3	14.9	9.7	45.7	29.6	79.4	51.4	14.0	9.0	16.10
1932.....	108.9	100.0	2.2	2.0	38.9	35.8	54.7	50.2	13.0	11.9	.1	.1	15.22
1933.....	157.4	100.0	2.4	1.5	30.0	19.1	47.1	29.9	64.9	41.2	13.0	8.3	15.86
1934.....	96.7	100.0	4.7	4.9	56.7	58.6	33.7	34.9	1.6	1.6	---	---	14.83
1935.....	131.6	100.0	2.7	2.1	19.4	14.7	59.0	44.8	50.1	38.1	.4	.3	15.70
11 - D ;													
Av. 1928-33.	123.5	100.0	7.3	5.9	40.7	32.9	45.4	36.8	24.2	19.6	5.9	4.8	15.34
1928.....	156.0	100.0	11.4	7.3	42.5	27.2	46.1	29.6	36.3	23.3	19.7	12.6	15.61
1929.....	40.6	100.0	1.1	2.7	5.2	12.8	13.7	33.8	14.1	34.7	6.5	16.0	16.02
1930.....	160.4	100.0	12.2	7.6	49.1	30.6	57.3	35.7	35.9	22.4	5.9	3.7	15.34
1931.....	167.9	100.0	6.2	3.7	54.4	32.4	72.1	42.9	33.5	20.0	1.7	1.0	15.32
1932.....	94.0	100.0	8.6	9.1	41.9	44.6	33.6	35.8	9.8	10.4	.1	.1	14.98
1933.....	121.9	100.0	4.3	3.5	51.4	42.2	49.6	40.7	15.3	12.5	1.3	1.1	15.15
1934.....	67.2	100.0	4.4	6.5	28.7	42.7	25.0	37.2	8.1	12.1	1.0	1.5	15.09
1935.....	58.3	100.0	.9	1.5	16.2	27.8	28.8	49.4	11.6	19.9	.8	1.4	15.42

See footnotes at end of table.



Table 3.- Staple length of cotton ginned in designated districts of Texas, crops of 1928-35--Contd.

District 1/ and crop year	All staple lengths 2/ bales		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 inches and longer		Average staple length 3/ Sixteenth inches
	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	1,000	Per- cent	
11 - E:													
Av. 1928-33.	108.2	100.0	2.4	2.2	25.0	23.1	41.7	38.5	26.6	24.6	12.5	11.6	15.76
1928.....	145.3	100.0	6.4	4.4	35.6	24.5	51.2	35.2	33.6	23.2	18.5	12.7	15.73
1929.....	41.3	100.0	1.0	2.4	9.1	22.0	17.2	41.6	8.9	21.6	5.1	12.4	15.80
1930.....	131.8	100.0	3.8	2.9	23.3	17.7	37.9	28.7	42.6	32.3	24.2	18.4	16.07
1931.....	149.0	100.0	2.1	1.4	27.8	18.7	52.6	35.3	46.9	31.5	19.6	13.1	15.89
1932.....	74.0	100.0	.5	.7	21.8	29.5	31.1	42.0	13.5	18.2	7.1	9.6	15.61
1933.....	107.7	100.0	.4	.4	32.5	30.2	59.9	55.6	14.2	13.2	.7	.6	15.34
1934.....	76.6	100.0	.3	.4	23.4	30.5	44.5	58.1	8.1	10.6	.3	.4	15.30
1935.....	65.7	100.0	.6	.9	9.0	13.7	39.2	59.7	16.3	24.8	.6	.9	15.61

1/ For boundaries of districts, see figs. 1 and 2.

2/ Ginnings as reported by the Bureau of the Census.

3/ Averages calculated by multiplying the number of bales in each length group by the midpoint of the group expressed in sixteenths of an inch (that is, 15/16 and 31/32 = 15.5, etc.) summing, and dividing by the total number of bales. Although cotton of the length groups, 1-1/16 and 1-3/32 inches, 1-1/8 and 1-5/32 inches, 1-3/16 and 1-7/32 inches, and 1-1/4 inches and longer are not herein reported upon separately, these groups were considered separately when the averages were calculated.

4/ See footnote 3, p. 4.

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
All districts:														
Av. 1928-33.	4,371.2	100.0	2,882.8	66.0	692.6	15.8	62.5	1.4	707.4	16.2	5.0	0.1	20.9	0.5
1928.....	4,941.5	100.0	3,629.9	73.5	642.1	13.0	79.5	1.6	480.8	9.7	2.7	3/	106.5	2.2
1929.....	3,803.2	100.0	2,637.7	69.4	692.0	18.2	65.4	1.7	382.9	10.1	15.8	.4	9.4	.2
1930.....	3,886.1	100.0	2,892.0	74.4	712.6	18.3	37.4	1.0	239.6	6.2	3.5	.1	1.0	3/
1931.....	5,068.8	100.0	3,629.7	71.6	804.9	15.9	121.1	2.4	503.0	9.9	5.6	.1	4.5	.1
1932.....	4,307.4	100.0	2,258.6	52.4	774.9	18.0	45.8	1.1	1,223.7	28.4	1.8	3/	2.6	.1
1933.....	4,220.3	100.0	2,248.8	53.3	529.2	12.5	25.7	.6	1,414.5	33.5	.5	3/	1.6	3/
1934.....	2,314.9	100.0	1,813.0	78.3	132.2	5.7	7.6	.3	359.3	15.5	1.3	.1	1.5	.1
1935.....	2,849.7	100.0	1,241.0	43.6	668.2	23.4	88.8	3.1	845.8	29.7	1.1	3/	4.8	.2
1 - A:														
Av. 1928-33.	47.3	100.0	39.4	83.1	2.3	5.1	.5	1.0	4.5	9.5	---	---	.6	1.3
1928.....	58.8	100.0	51.9	88.3	2.5	4.2	.8	1.4	2.0	3.4	---	---	1.6	2.7
1929.....	47.5	100.0	36.6	77.0	2.4	5.1	---	---	7.2	15.2	---	---	1.3	2.7
1930.....	51.9	100.0	43.0	82.9	3.4	6.5	1.6	3.1	3.9	7.5	---	---	---	---
1931.....	49.2	100.0	42.7	86.8	5.0	10.2	.5	1.0	.2	.4	---	---	.8	1.6
1932.....	32.7	100.0	22.1	67.6	.7	2.1	.1	.3	9.7	29.7	---	---	.1	.3
1933.....	43.8	100.0	39.8	90.9	---	---	---	---	4.0	9.1	---	---	---	---
1934.....	49.2	100.0	48.8	99.2	.3	.6	---	---	.1	.2	---	---	---	---
1935.....	35.9	100.0	32.6	90.8	.1	.3	---	---	3.2	8.9	---	---	---	---
1 - B:														
Av. 1928-33.	6.3	100.0	4.0	63.5	.9	14.3	.2	3.2	1.2	19.0	---	---	---	---
1928.....	7.9	100.0	7.0	88.7	.3	3.8	.2	2.5	.2	2.5	---	---	.2	2.5
1929.....	6.9	100.0	5.1	73.9	1.4	20.3	---	---	.4	5.8	---	---	---	---
1930.....	6.8	100.0	4.8	70.6	1.0	14.7	---	---	1.0	14.7	---	---	---	---
1931.....	5.8	100.0	.7	12.1	.9	15.5	1.1	19.0	3.1	53.4	---	---	---	---
1932.....	3.2	100.0	.9	28.1	1.3	40.6	---	---	.9	28.1	.1	3.2	---	---
1933.....	7.1	100.0	5.7	80.3	.3	4.2	---	---	1.1	15.5	---	---	---	---
1934.....	7.1	100.0	7.0	98.6	---	---	---	---	.1	1.4	---	---	---	---
1935.....	7.9	100.0	6.0	75.9	.4	5.1	---	---	1.5	19.0	---	---	---	---



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent		
2 - A:														
Av. 1928-33.	21.6	100.0	3.7	40.3	6.7	31.0	0.6	2.8	4.8	22.2	0.1	0.5	0.7	3.2
1928.....	33.3	100.0	18.3	55.0	8.0	24.0	.6	1.8	3.2	9.6	---	---	3.2	9.6
1929.....	21.7	100.0	2.1	9.7	10.6	48.9	1.2	5.5	0.6	30.4	.5	2.3	.7	3.2
1930.....	16.1	100.0	8.2	50.9	6.8	42.3	.1	.6	1.0	6.2	---	---	---	---
1931.....	24.1	100.0	13.6	56.4	6.0	24.9	1.7	7.1	1.8	11.6	---	---	---	---
1932.....	15.3	100.0	7.7	50.3	4.4	28.8	---	---	2.9	18.9	.3	2.6	---	---
1933.....	18.9	100.0	2.4	12.7	4.3	22.8	.1	.5	12.1	64.0	---	---	---	---
1934.....	7.9	100.0	5.9	74.7	.7	8.9	---	---	1.3	16.4	---	---	---	---
1935.....	11.2	100.0	3.9	34.8	1.0	8.9	---	---	6.2	55.4	---	---	.1	.9
2 - B:														
Av. 1928-33.	106.3	100.0	31.2	29.4	31.2	29.4	6.9	6.5	33.8	31.8	1.2	1.1	2.0	1.8
1928.....	49.6	100.0	12.2	24.6	5.7	11.5	.2	.4	21.7	43.7	---	---	9.8	19.8
1929.....	93.2	100.0	42.0	45.1	19.3	20.7	.5	.5	24.2	26.7	7.1	7.6	.1	.1
1930.....	73.9	100.0	19.7	26.6	41.5	56.2	3.9	5.3	8.8	11.9	---	---	---	---
1931.....	173.4	100.0	33.4	19.3	54.6	31.5	32.7	18.8	50.5	29.1	---	---	2.2	1.3
1932.....	138.9	100.0	29.3	21.1	47.7	34.3	1.8	1.3	60.0	43.2	---	---	.1	.1
1933.....	108.8	100.0	50.7	46.6	18.1	16.7	2.1	1.9	37.9	34.8	---	---	---	---
1934.....	27.7	100.0	15.2	54.9	4.5	16.2	.3	1.1	7.6	27.4	---	---	.1	.4
1935.....	81.7	100.0	41.4	50.7	8.8	10.8	1.0	1.2	30.4	37.2	---	---	.1	.1
2 - C:														
Av. 1928-33.	149.5	100.0	41.8	28.0	48.4	32.4	4.2	2.8	48.8	32.6	.7	.5	5.6	3.7
1928.....	122.8	100.0	27.0	22.9	23.6	19.2	1.7	1.4	41.8	34.0	---	---	28.7	23.4
1929.....	115.6	100.0	47.9	41.4	26.8	23.2	1.4	1.2	30.5	26.4	4.6	4.0	4.4	3.8
1930.....	74.8	100.0	21.9	29.3	34.2	45.7	4.2	5.6	14.4	19.3	---	---	.1	.1
1931.....	160.5	100.0	59.6	37.1	64.9	40.5	14.8	9.2	20.9	13.0	---	---	.5	.2
1932.....	210.8	100.0	45.3	21.5	87.4	41.5	2.1	1.0	75.8	35.9	---	---	.2	.1
1933.....	212.9	100.0	48.9	23.0	53.4	25.1	.8	.4	109.7	51.5	---	---	.1	3/
1934.....	22.1	100.0	9.4	42.5	1.9	8.6	.1	.5	10.5	47.5	---	---	.2	.9
1935.....	107.5	100.0	26.3	24.5	20.8	19.3	1.3	1.2	58.4	54.3	.3	.3	.4	.4

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
2 - D:													
Av. 1928-33.	105.5	100.0	28.3	26.8	32.8	31.1	3.4	3.2	40.3	38.2	0.1	0.1	0.6
1928.....	76.5	100.0	13.7	17.9	15.7	20.5	1.6	2.1	42.8	56.0	---	---	2.7
1929.....	92.6	100.0	47.6	51.4	28.0	30.2	.6	.7	15.5	16.7	.8	.9	.1
1930.....	93.1	100.0	34.5	37.1	49.4	53.1	3.3	3.5	5.7	6.1	---	---	.2
1931.....	145.9	100.0	25.4	17.4	61.3	42.0	13.7	9.4	45.2	31.0	---	---	.3
1932.....	134.1	100.0	21.9	16.3	19.8	14.8	.5	.4	91.8	68.4	---	---	.1
1933.....	90.7	100.0	26.4	29.1	22.8	25.1	.5	.6	41.0	45.2	---	---	---
1934.....	25.9	100.0	18.9	73.0	2.2	8.5	---	---	4.7	18.1	---	---	.1
1935.....	105.7	100.0	37.3	35.3	17.4	16.5	1.2	1.1	49.8	47.1	---	---	.4
2 - E:													
Av. 1928-33.	39.7	100.0	16.0	40.3	7.4	18.6	.8	2.0	15.5	39.1	---	---	---
1928.....	42.7	100.0	17.9	41.9	10.8	25.3	.4	.9	13.6	31.9	---	---	---
1929.....	36.4	100.0	25.7	70.6	5.4	14.8	.1	.3	5.2	14.3	---	---	---
1930.....	29.9	100.0	17.8	59.5	10.4	34.8	.7	2.3	1.0	3.4	---	---	---
1931.....	54.3	100.0	15.0	27.6	11.8	21.3	3.6	6.6	23.9	44.0	---	---	---
1932.....	62.4	100.0	16.4	26.3	3.0	4.8	---	---	43.0	68.9	---	---	---
1933.....	12.5	100.0	3.0	24.0	3.0	24.0	.1	.8	6.4	51.2	---	---	---
1934.....	18.3	100.0	9.7	53.0	.5	2.7	---	---	8.1	44.3	---	---	---
1935.....	35.6	100.0	12.8	35.9	6.4	18.0	.5	1.4	15.9	44.7	---	---	---
3 - A:													
Av. 1928-33.	159.2	100.0	72.2	45.3	35.0	22.0	2.2	1.4	45.3	28.4	.4	.3	4.1
1928.....	213.6	100.0	123.4	57.8	30.7	14.4	2.7	1.2	32.2	15.1	.2	.1	24.4
1929.....	162.1	100.0	64.3	39.7	57.8	35.7	1.3	.8	36.7	22.6	1.7	1.0	.3
1930.....	105.9	100.0	46.8	44.2	39.3	37.1	1.0	.9	18.7	17.7	.1	.1	---
1931.....	169.5	100.0	77.3	45.6	45.8	27.0	7.6	4.5	38.5	22.7	.1	.1	.2
1932.....	157.3	100.0	98.1	62.4	18.4	11.7	.3	.2	40.1	25.5	.4	.2	---
1933.....	147.0	100.0	23.3	15.8	17.7	12.0	.4	.3	105.5	71.8	.1	.1	---
1934.....	31.3	100.0	7.7	24.6	1.8	5.7	.1	.3	21.3	68.1	.1	.3	---
1935.....	90.2	100.0	19.0	21.1	9.1	10.1	.4	.4	60.2	66.8	.2	.2	1.3
													1.4



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		Mo grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent		
3 - B:														
Av. 1928-33.	153.1	100.0	59.3	38.7	31.8	20.8	1.4	0.9	59.3	38.7	0.1	0.1	1.2	0.8
1928.....	137.1	100.0	81.7	59.6	22.1	16.1	.9	.7	25.4	18.5	.1	.1	6.9	5.0
1929.....	123.3	100.0	52.6	42.7	47.2	38.3	1.4	1.1	21.7	17.6	.3	.2	.1	.1
1930.....	67.0	100.0	27.0	40.3	26.8	40.0	.1	.1	13.1	19.6	---	---	---	---
1931.....	146.6	100.0	61.3	41.8	49.2	33.6	4.4	3.0	31.7	21.6	---	---	---	---
1932.....	219.3	100.0	78.6	35.9	25.0	11.4	.5	.2	115.2	52.5	---	---	---	---
1933.....	225.0	100.0	54.8	24.4	20.8	9.2	1.0	.4	148.4	66.0	---	---	---	---
1934.....	35.0	100.0	20.1	57.4	1.4	4.0	---	---	13.1	37.4	---	---	.4	1.2
1935.....	118.0	100.0	42.2	35.8	26.0	22.0	1.0	.8	48.6	41.2	.2	.2	---	---
3 - C:														
Av. 1928-33.	99.6	100.0	46.8	47.0	17.9	18.0	.7	.7	33.6	33.7	.1	.1	.5	.5
1928.....	85.6	100.0	62.4	72.9	9.8	11.5	1.0	1.2	9.2	10.7	.1	.1	3.1	3.6
1929.....	96.6	100.0	51.5	53.3	26.3	27.2	1.4	1.5	17.2	17.8	.2	.2	---	---
1930.....	60.3	100.0	30.0	49.8	18.3	30.3	.1	.2	11.9	19.7	---	---	---	---
1931.....	104.4	100.0	58.6	56.1	22.3	21.4	1.6	1.5	21.9	21.0	---	---	---	---
1932.....	116.9	100.0	50.5	43.2	19.4	16.6	.1	.1	46.9	40.1	---	---	---	---
1933.....	133.7	100.0	28.0	20.9	11.1	8.3	.1	.1	94.5	70.7	---	---	---	---
1934.....	34.6	100.0	12.6	36.4	1.0	2.9	.1	.3	20.9	60.4	---	---	---	---
1935.....	83.4	100.0	18.4	22.1	34.1	40.9	5.9	7.1	24.8	29.7	.1	.1	.1	.1
3 - D:														
Av. 1928-33.	107.2	100.0	40.9	38.1	19.5	18.2	.5	.5	46.0	42.9	---	---	.3	.3
1928.....	86.9	100.0	45.2	52.0	12.1	13.9	.1	.1	27.7	31.9	---	---	1.8	2.1
1929.....	56.2	100.0	31.5	56.0	12.9	23.0	.2	.3	11.5	20.5	.1	.2	---	---
1930.....	49.4	100.0	20.9	42.3	17.4	35.2	.2	.4	10.9	22.1	---	---	---	---
1931.....	95.7	100.0	59.3	62.0	19.2	20.0	1.8	1.9	15.4	16.1	---	---	---	---
1932.....	198.0	100.0	37.5	18.9	37.9	19.1	.5	.3	122.1	61.7	---	---	---	---
1933.....	157.4	100.0	50.9	32.3	17.9	11.4	.1	.1	88.5	56.2	---	---	---	---
1934.....	39.2	100.0	24.5	62.5	.3	.8	---	---	14.4	36.7	---	---	---	---
1935.....	112.9	100.0	18.0	16.0	47.0	41.6	7.8	6.9	40.1	35.5	---	---	---	---

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ and above		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained	
	1,000 bales	Per- cent.	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
3 - E:												
Av. 1928-33.	124.7	100.0	42.3	33.9	19.7	15.8	2.0	1.6	59.2	47.5	---	---
1928.....	103.1	100.0	33.4	32.4	9.8	9.5	.3	.3	50.6	49.1	0.1	0.1
1929.....	78.6	100.0	38.5	49.0	16.3	20.7	2.8	3.6	20.8	26.5	.1	.1
1930.....	64.7	100.0	29.7	45.9	26.9	41.6	1.7	2.6	6.4	9.9	---	---
1931.....	116.4	100.0	49.1	42.2	20.5	17.6	4.8	4.1	42.0	36.1	---	---
1932.....	228.4	100.0	50.9	22.3	30.2	13.2	1.8	.8	145.4	63.7	.1	3/
1933.....	157.0	100.0	51.9	33.1	14.6	9.3	.7	.4	89.8	57.2	---	---
1934.....	41.9	100.0	27.4	65.4	1.0	2.4	---	---	13.5	32.2	---	---
1935.....	106.6	100.0	24.6	23.1	18.7	17.5	3.7	3.5	59.5	55.8	---	---
3 - F 4/:												
Av. 1928-33.	123.9	100.0	64.0	51.7	11.6	9.4	1.5	1.2	46.4	37.4	---	---
1928.....	126.3	100.0	55.7	44.1	9.5	7.5	1.9	1.5	57.2	45.3	---	---
1929.....	88.5	100.0	52.0	58.8	12.5	14.1	.6	.7	23.4	26.4	---	---
1930.....	68.6	100.0	32.1	46.8	19.4	28.3	4.7	6.9	12.3	17.9	---	---
1931.....	148.2	100.0	98.1	66.2	10.9	7.4	.5	.3	38.6	26.0	.1	.1
1932.....	202.1	100.0	64.7	32.0	16.6	8.2	1.3	.7	119.2	59.0	---	---
1933.....	110.0	100.0	81.4	74.0	1.0	.9	---	---	27.5	25.0	.3	.1
1934.....	83.9	100.0	56.7	67.6	.5	.6	---	---	26.7	31.8	.1	.1
1935.....	154.4	100.0	18.2	11.8	20.7	13.4	7.2	4.7	107.6	69.7	---	---
4 - A 4/:												
Av. 1928-33.	1.6	100.0	1.1	68.8	.3	18.7	---	---	.2	12.5	---	---
1928.....	2.0	100.0	1.4	70.0	.4	20.0	---	---	.2	10.0	---	---
1929.....	1.5	100.0	.9	60.0	.2	13.3	---	---	.4	26.7	---	---
1930.....	1.5	100.0	1.2	80.0	.2	13.3	---	---	.1	6.7	---	---
1931.....	1.5	100.0	1.2	80.0	.2	13.3	---	---	.1	6.7	---	---
1932.....	2.2	100.0	1.2	54.6	.5	22.7	---	---	.5	22.7	---	---
1933.....	.9	100.0	.7	77.8	.1	11.1	---	---	.1	11.1	---	---
1934.....	2.5	100.0	2.1	84.0	.2	8.0	---	---	.2	8.0	---	---
1935.....	3.6	100.0	1.9	52.8	.6	16.6	.1	2.8	1.0	27.8	---	---



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
4 - B 4/:													
Av. 1928-33.	6.1	100.0	4.0	65.6	1.3	21.3	---	---	0.8	13.1	---	---	---
1928.....	12.7	100.0	8.9	70.1	2.8	22.0	0.1	0.8	.9	7.1	---	---	---
1929.....	5.8	100.0	3.6	62.1	.4	6.9	---	---	1.8	31.0	---	---	---
1930.....	7.2	100.0	6.0	83.3	.8	11.1	---	---	.4	5.6	---	---	---
1931.....	4.4	100.0	1.0	22.7	3.0	68.2	---	---	.4	9.1	---	---	---
1932.....	3.0	100.0	1.6	53.4	.6	20.0	.1	3.3	.7	23.3	---	---	---
1933.....	3.9	100.0	3.0	76.9	.3	7.7	---	---	.6	15.4	---	---	---
1934.....	19.3	100.0	10.2	52.8	2.0	10.4	.3	1.6	6.8	35.2	---	---	---
1935.....	16.6	100.0	12.4	74.7	3.1	13.7	.1	.6	1.0	6.0	---	---	---
4 - C 4/:													
Av. 1928-33.	38.6	100.0	29.8	77.2	4.8	12.4	---	---	4.0	10.4	---	---	---
1928.....	63.2	100.0	53.5	84.7	8.3	13.1	---	---	1.4	2.2	---	---	---
1929.....	27.6	100.0	17.2	62.3	1.5	5.4	---	---	8.9	32.3	---	---	---
1930.....	39.9	100.0	35.1	88.0	1.9	4.8	.1	.2	2.8	7.0	---	---	---
1931.....	38.7	100.0	34.8	89.9	2.1	5.4	---	---	1.8	4.7	---	---	---
1932.....	33.0	100.0	16.3	49.4	10.9	33.0	.1	.3	5.7	17.3	---	---	---
1933.....	29.2	100.0	21.9	75.0	4.3	14.7	---	---	3.0	10.3	---	---	---
1934.....	22.7	100.0	21.3	93.8	.1	.5	---	---	1.3	5.7	---	---	---
1935.....	29.3	100.0	6.5	22.2	5.1	17.4	1.4	4.8	16.2	55.3	---	0.1	0.3
4 - D 4/:													
Av. 1928-33.	72.0	100.0	50.8	70.6	11.0	15.3	.6	.8	9.6	13.3	---	---	---
1928.....	88.2	100.0	60.1	68.1	19.1	21.7	1.2	1.4	7.7	8.7	---	.1	.1
1929.....	69.0	100.0	43.3	62.7	11.5	16.7	.7	1.0	13.5	19.6	---	---	---
1930.....	35.9	100.0	24.7	68.8	6.1	17.0	.5	1.4	4.6	12.8	---	---	---
1931.....	89.8	100.0	79.7	88.8	7.1	7.9	.2	.2	2.8	3.1	---	---	---
1932.....	99.0	100.0	56.4	57.0	20.6	20.8	1.1	1.1	20.9	21.1	---	---	---
1933.....	50.1	100.0	40.2	80.2	1.6	3.2	---	---	8.3	16.6	---	---	---
1934.....	11.9	100.0	9.7	81.5	2.0	16.8	---	---	.2	1.7	---	---	---
1935.....	6.9	100.0	5.6	81.2	.4	5.8	---	---	.9	13.0	---	---	---

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and below Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
4 - E 4/:	10.3	100.0	6.4	62.2	2.3	22.3	0.2	1.9	1.4	13.6	---	---	---
	9.6	100.0	6.7	69.8	2.1	21.9	.1	1.0	.7	7.3	---	---	---
	16.1	100.0	10.1	62.7	2.1	13.1	.1	.6	3.8	23.6	---	---	---
	11.9	100.0	9.0	75.6	1.9	16.0	.6	5.0	.4	3.4	---	---	---
	11.8	100.0	2.0	16.9	6.9	58.5	.4	3.4	2.5	21.2	---	---	---
	5.3	100.0	5.1	96.2	.2	3.8	---	---	---	---	---	---	---
	7.2	100.0	5.5	76.4	.6	8.3	---	---	1.1	15.3	---	---	---
5 - A:	31.1	100.0	18.5	59.5	5.4	17.3	.4	1.3	6.8	21.9	---	---	---
	32.0	100.0	23.9	74.7	3.4	10.6	.3	1.0	4.2	13.1	---	---	0.6
	23.6	100.0	20.9	88.6	1.8	7.6	---	---	.9	3.8	---	---	---
	21.0	100.0	15.0	71.4	4.1	19.5	.1	.5	1.8	8.6	---	---	---
	37.5	100.0	27.1	72.3	5.3	14.1	1.4	3.7	3.7	9.9	---	---	---
	32.1	100.0	11.4	35.5	12.3	38.3	.4	1.3	8.0	24.9	---	---	---
	40.1	100.0	12.7	31.7	5.3	13.2	---	---	22.1	55.1	---	---	---
	13.3	100.0	7.4	55.6	.7	5.3	---	---	5.2	39.1	---	---	---
	28.2	100.0	2.7	9.6	11.5	40.8	4.1	14.5	9.8	34.7	---	---	.4
	49.4	100.0	37.6	76.1	4.2	8.5	.7	1.4	6.9	14.0	---	---	---
	59.7	100.0	48.5	81.2	4.8	8.0	1.0	1.7	5.4	9.1	---	---	---
5 - B 4/:	44.2	100.0	36.3	82.1	5.0	11.3	1.2	2.7	1.7	3.9	---	---	---
	35.8	100.0	28.0	78.2	5.1	14.2	.1	.3	2.6	7.3	---	---	---
	59.6	100.0	50.8	85.2	4.7	7.9	1.5	2.5	2.6	4.4	---	---	---
	48.8	100.0	36.0	73.8	3.9	8.0	.3	.6	8.6	17.6	---	---	---
	48.3	100.0	26.0	53.8	1.6	3.3	---	---	20.7	42.9	---	---	---
	10.7	100.0	8.4	78.5	.2	1.9	---	---	2.1	19.6	---	---	---
	14.5	100.0	3.2	22.1	5.0	34.5	1.3	8.9	5.0	34.5	---	---	---
	49.4	100.0	37.6	76.1	4.2	8.5	.7	1.4	6.9	14.0	---	---	---
	59.7	100.0	48.5	81.2	4.8	8.0	1.0	1.7	5.4	9.1	---	---	---
	44.2	100.0	36.3	82.1	5.0	11.3	1.2	2.7	1.7	3.9	---	---	---
	35.8	100.0	28.0	78.2	5.1	14.2	.1	.3	2.6	7.3	---	---	---
	59.6	100.0	50.8	85.2	4.7	7.9	1.5	2.5	2.6	4.4	---	---	---
	48.8	100.0	36.0	73.8	3.9	8.0	.3	.6	8.6	17.6	---	---	---
	48.3	100.0	26.0	53.8	1.6	3.3	---	---	20.7	42.9	---	---	---
	10.7	100.0	8.4	78.5	.2	1.9	---	---	2.1	19.6	---	---	---
	14.5	100.0	3.2	22.1	5.0	34.5	1.3	8.9	5.0	34.5	---	---	---



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued.

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
5 - C 4/:											
Av. 1928-33.	36.0	100.0	24.5	68.1	3.9	10.8	0.5	1.4	7.1	19.7	---
1928.....	48.1	100.0	35.1	73.0	5.1	10.6	1.0	2.1	6.9	14.3	---
1929.....	31.2	100.0	16.8	53.8	6.6	21.2	1.9	6.1	5.9	18.9	---
1930.....	22.3	100.0	14.3	64.1	4.6	20.6	.2	.9	3.2	14.4	---
1931.....	39.4	100.0	32.3	82.0	2.7	6.8	---	---	4.4	11.2	---
1932.....	39.4	100.0	22.1	56.1	3.4	8.6	.1	.3	13.8	35.0	---
1933.....	35.7	100.0	26.5	74.2	1.1	3.1	---	---	8.1	22.7	---
1934.....	20.6	100.0	18.0	87.4	.2	1.0	---	---	2.4	11.6	---
1935.....	26.6	100.0	8.4	31.6	7.9	29.7	2.4	9.0	7.9	29.7	---
6 - A:											
Av. 1928-33.	58.8	100.0	43.5	74.0	5.2	8.8	.6	1.0	9.4	16.0	0.1
1928.....	58.4	100.0	46.4	79.5	3.4	5.8	2.6	4.4	5.4	9.3	.6
1929.....	54.8	100.0	47.6	86.9	5.5	10.0	.1	.2	1.6	2.9	---
1930.....	43.6	100.0	34.8	79.8	6.7	15.4	.1	.2	2.0	4.6	---
1931.....	70.7	100.0	57.2	80.9	5.2	7.3	.9	1.3	7.4	10.5	---
1932.....	60.0	100.0	45.6	76.0	4.3	7.2	.2	.3	9.9	16.5	---
1933.....	65.3	100.0	29.2	44.7	6.2	9.5	---	---	29.9	45.8	---
1934.....	26.2	100.0	15.6	59.5	.8	3.1	---	---	9.8	37.4	---
1935.....	42.3	100.0	8.5	20.1	15.8	37.3	3.8	9.0	14.2	33.6	---
6 - B:											
Av. 1928-33.	33.7	100.0	26.4	78.3	3.0	8.9	.1	.3	4.2	12.5	---
1928.....	46.5	100.0	40.1	86.2	2.9	6.3	.1	.2	3.4	7.3	---
1929.....	30.7	100.0	23.5	76.5	2.3	7.5	---	---	4.9	16.0	---
1930.....	24.8	100.0	15.7	63.3	6.1	24.6	.2	.8	2.8	11.3	---
1931.....	31.8	100.0	28.3	89.0	2.1	6.6	---	---	1.4	4.4	---
1932.....	31.5	100.0	23.8	75.5	3.9	12.4	---	---	3.8	12.1	---
1933.....	37.1	100.0	27.2	73.3	.9	2.4	---	---	9.0	24.3	---
1934.....	18.1	100.0	14.8	81.8	.1	.5	---	---	3.2	17.7	---
1935.....	27.6	100.0	12.4	44.9	6.1	22.1	.3	1.1	8.8	31.9	---

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	all grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
5 - C:													
Av. 1928-33.	35.0	100.0	27.7	79.1	2.6	7.4	0.1	0.3	4.6	13.2	---	---	---
1928.....	38.5	100.0	32.9	85.5	4.2	10.9	.2	.5	1.2	3.1	---	---	---
1929.....	30.8	100.0	25.6	83.1	3.5	11.4	.4	1.3	1.3	4.2	---	---	---
1930.....	34.7	100.0	26.4	76.1	3.9	11.2	---	---	4.4	12.7	---	---	---
1931.....	39.4	100.0	35.6	90.3	.5	1.3	---	---	3.3	8.4	---	---	---
1932.....	32.3	100.0	19.2	59.4	2.2	6.8	---	---	10.9	33.8	---	---	---
1933.....	34.2	100.0	26.5	77.5	1.4	4.1	.1	.3	6.2	18.1	---	---	---
1934.....	19.5	100.0	15.1	77.4	---	---	---	---	4.4	22.6	---	---	---
1935.....	29.0	100.0	8.3	28.6	5.7	19.7	.1	.3	14.9	51.4	---	---	---
7 - A:													
Av. 1928-33.	338.0	100.0	257.0	76.0	44.2	13.1	7.5	2.2	28.4	8.4	0.3	0.6	0.2
1928.....	327.9	100.0	275.9	84.1	26.8	8.2	12.7	3.9	9.1	2.8	---	3.4	1.0
1929.....	318.4	100.0	239.0	75.1	71.5	22.5	6.3	2.0	1.4	.4	.1	.1	3/
1930.....	294.4	100.0	262.7	89.2	26.2	8.9	.6	.2	4.9	1.7	---	---	---
1931.....	473.8	100.0	410.6	86.7	39.5	8.3	13.7	2.9	8.3	1.7	1.7	---	---
1932.....	314.6	100.0	227.6	72.4	56.7	18.0	6.1	1.9	24.2	7.7	---	---	---
1933.....	299.1	100.0	126.3	42.2	44.3	14.8	5.5	1.8	122.9	41.1	---	.1	3/
1934.....	178.0	100.0	143.3	80.5	15.2	8.5	2.1	1.2	17.3	9.7	---	.1	.1
1935.....	149.5	100.0	72.3	48.3	41.1	27.5	17.6	11.8	17.5	11.7	---	1.0	.7
7 - B:													
Av. 1928-33.	276.6	100.0	222.1	80.3	26.0	9.4	4.1	1.5	23.8	8.6	---	.6	.2
1928.....	286.9	100.0	229.1	79.8	32.0	11.2	11.7	4.1	10.4	3.6	.1	3.6	1.3
1929.....	242.4	100.0	198.0	81.7	38.8	16.0	4.2	1.7	1.4	.6	---	---	---
1930.....	234.9	100.0	197.6	84.1	27.9	11.9	.6	.3	8.7	3.7	.1	---	---
1931.....	374.6	100.0	342.4	91.4	18.8	5.0	4.1	1.1	9.3	2.5	---	---	---
1932.....	256.5	100.0	201.9	78.7	28.3	11.0	1.9	.8	24.4	9.5	---	---	---
1933.....	264.4	100.0	163.7	61.9	10.0	3.8	1.7	.6	89.0	33.7	---	---	---
1934.....	178.1	100.0	162.8	91.4	6.7	3.8	1.0	.5	7.6	4.3	---	---	---
1935.....	165.4	100.0	98.0	59.2	44.6	27.0	4.8	2.9	18.0	10.9	---	---	---



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent		
7 - C 4/:														
Av. 1928-33.	284.8	100.0	222.4	78.1	31.2	11.0	3.7	1.3	26.9	9.4	0.1	3/	0.5	0.2
1928.....	357.0	100.0	280.5	78.6	50.0	14.0	9.5	2.6	14.7	4.1	.2	0.1	2.1	.6
1929.....	285.6	100.0	235.3	82.4	27.0	9.5	9.5	3.3	13.0	4.5	---	---	.8	.3
1930.....	242.8	100.0	169.7	69.9	52.0	21.4	.8	.3	20.3	8.4	---	---	---	---
1931.....	336.9	100.0	306.9	91.1	11.2	3.3	1.1	.3	17.5	5.2	.1	3/	.1	3/
1932.....	226.2	100.0	159.2	70.4	24.4	10.8	.9	.4	41.7	18.4	---	---	---	---
1933.....	260.2	100.0	182.9	70.3	22.5	8.7	.6	.2	54.2	20.8	---	---	---	---
1934.....	184.9	100.0	161.2	87.2	6.6	3.5	.1	.1	17.0	9.2	---	---	---	---
1935.....	201.0	100.0	91.7	45.6	67.1	33.4	3.5	1.7	38.5	19.2	---	---	.2	.1
7 - D :														
Av. 1928-33.	237.1	100.0	175.7	74.1	29.4	12.4	5.5	2.3	26.2	11.1	---	---	.3	.1
1928.....	306.1	100.0	240.6	78.6	37.8	12.4	6.3	2.1	20.3	6.6	.1	3/	1.0	.3
1929.....	185.9	100.0	150.6	79.7	12.1	6.4	11.1	5.9	14.7	7.8	---	---	.4	.2
1930.....	249.9	100.0	197.3	79.0	27.8	11.1	5.1	2.0	19.3	7.7	.2	.1	.2	.1
1931.....	286.2	100.0	250.6	87.6	10.7	3.7	1.7	.6	23.2	8.1	---	---	---	---
1932.....	180.2	100.0	62.4	34.6	56.2	31.2	7.7	4.3	53.6	29.7	---	---	.3	.2
1933.....	211.7	100.0	152.6	72.1	32.0	15.1	1.2	.6	25.9	12.2	---	---	---	---
1934.....	166.2	100.0	147.1	88.5	2.6	1.6	.1	.1	16.4	9.8	---	---	---	---
1935.....	124.0	100.0	49.3	39.8	32.8	26.4	7.0	5.6	34.8	28.1	---	---	.1	.1
7 - E 4/:														
Av. 1928-33.	71.0	100.0	50.9	71.7	11.3	15.9	.4	.6	8.4	11.8	---	---	---	---
1928.....	108.7	100.0	82.3	75.7	20.2	18.6	.6	.6	5.5	5.0	---	---	.1	.1
1929.....	28.9	100.0	15.4	53.3	5.8	20.1	1.0	3.5	6.6	22.8	---	---	.1	.3
1930.....	96.4	100.0	85.5	88.7	5.4	5.6	.3	.3	5.2	5.4	---	---	---	---
1931.....	77.4	100.0	55.1	71.2	7.1	9.2	---	---	15.2	19.6	---	---	---	---
1932.....	56.8	100.0	26.3	46.3	17.9	31.5	.2	.4	12.4	21.8	---	---	---	---
1933.....	57.9	100.0	40.9	70.6	11.5	19.9	---	---	5.5	9.5	---	---	---	---
1934.....	70.8	100.0	49.3	69.7	1.8	2.5	---	---	19.7	27.8	---	---	---	---
1935.....	40.3	100.0	23.3	57.8	7.8	19.4	.2	.5	9.0	22.3	---	---	---	---

Table 4.—Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ Per- cent		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and below Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
8 - A:														
Av. 1928-33.	28.6	100.0	20.7	72.4	5.3	18.6	0.1	0.3	2.3	8.1	0.1	0.3	0.1	0.3
1928.....	41.0	100.0	31.6	77.1	7.3	17.8	---	---	1.6	3.9	.3	.7	.2	.5
1929.....	18.8	100.0	15.3	81.4	2.2	11.7	---	---	1.3	6.9	---	---	---	---
1930.....	32.2	100.0	28.3	87.9	3.1	9.6	.1	.3	.7	2.2	---	---	---	---
1931.....	31.3	100.0	23.9	76.4	5.7	18.2	---	---	1.7	5.4	---	---	---	---
1932.....	20.4	100.0	4.7	23.0	7.4	36.3	.8	3.9	7.4	36.3	---	---	.1	.5
1933.....	27.8	100.0	20.3	73.0	6.0	21.6	---	---	1.5	5.4	---	---	---	---
1934.....	20.6	100.0	18.7	90.8	.2	1.0	---	---	1.7	8.2	---	---	---	---
1935.....	11.2	100.0	4.5	40.2	3.0	26.8	.1	.9	3.6	32.1	---	---	---	---
8 - B:														
Av. 1928-33.	131.4	100.0	105.5	80.3	16.6	12.6	.2	.2	9.0	6.8	---	---	.1	.1
1928.....	171.3	100.0	147.3	86.0	20.6	12.0	.3	.2	2.9	1.7	---	---	.2	.1
1929.....	106.1	100.0	96.0	90.5	4.1	3.9	---	---	6.0	5.6	---	---	---	---
1930.....	125.0	100.0	103.6	82.9	16.5	13.2	---	---	4.9	3.9	---	---	---	---
1931.....	156.8	100.0	135.9	86.7	14.0	8.9	.1	.1	6.8	4.3	---	---	---	---
1932.....	113.2	100.0	71.6	63.2	30.2	26.7	.4	.4	10.7	9.4	.2	.2	.1	.1
1933.....	115.7	100.0	78.7	68.0	14.2	12.3	.1	.1	22.7	19.6	---	---	---	---
1934.....	80.9	100.0	67.5	83.4	3.5	4.3	---	---	9.9	12.3	---	---	---	---
1935.....	87.4	100.0	47.4	54.2	19.2	22.0	.6	.7	20.2	23.1	---	---	---	---
8 - C:														
Av. 1928-33.	138.0	100.0	115.8	83.9	7.5	5.4	.1	.1	14.4	10.4	.1	.1	.1	.1
1928.....	200.6	100.0	181.1	90.3	10.8	5.4	.3	.1	7.7	3.9	.3	.1	.4	.2
1929.....	146.3	100.0	128.1	87.5	11.4	7.8	.1	.1	6.7	4.6	---	---	---	---
1930.....	136.3	100.0	112.3	82.4	11.2	8.2	.1	.1	12.6	9.2	.1	.1	---	---
1931.....	146.3	100.0	132.7	90.7	2.7	1.8	---	---	10.8	7.4	.1	.1	---	---
1932.....	108.0	100.0	89.6	83.0	3.5	3.2	---	---	14.9	13.8	---	---	---	---
1933.....	90.4	100.0	51.0	56.4	5.5	6.1	---	---	33.9	37.5	---	---	---	---
1934.....	74.9	100.0	65.1	86.9	1.1	1.5	---	---	8.6	11.5	.1	.1	---	---
1935.....	90.6	100.0	69.4	76.6	8.2	9.1	.1	.1	12.8	14.1	.1	.1	---	---



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 1/ and crop year		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
8 - D:												
Av. 1928-33.	59.5	100.0	49.4	83.0	4.1	6.9	---	---	5.9	9.9	0.1	0.2
1928.....	83.4	100.0	75.2	90.2	5.1	6.1	---	---	3.0	3.6	.1	.1
1929.....	74.1	100.0	68.2	92.0	5.3	7.2	---	---	.6	.8	---	---
1930.....	53.0	100.0	46.5	87.7	5.5	10.4	---	---	1.0	1.9	---	---
1931.....	65.2	100.0	59.7	91.6	3.7	5.7	---	---	1.6	2.4	.2	.3
1932.....	43.3	100.0	37.8	87.3	4.4	10.2	---	---	1.1	2.5	---	---
1933.....	38.0	100.0	9.4	24.7	.7	1.9	---	---	27.9	73.4	---	---
1934.....	28.6	100.0	27.2	95.1	.6	2.1	---	---	.8	2.8	---	---
1935.....	37.2	100.0	29.4	79.0	4.8	12.9	---	---	3.0	8.1	---	---
8 - E:												
Av. 1928-33.	165.3	100.0	138.5	83.8	15.3	9.2	0.8	0.5	10.6	6.4	.1	.1
1928.....	263.0	100.0	220.4	83.8	26.2	10.0	4.5	1.7	11.7	4.4	.1	3/
1929.....	202.5	100.0	181.3	89.5	19.0	9.4	.1	3/	1.9	.9	.2	.1
1930.....	118.6	100.0	104.9	88.4	11.6	9.8	---	---	2.1	1.8	---	---
1931.....	163.0	100.0	145.9	89.5	11.8	7.2	.1	.1	5.0	3.1	.2	.1
1932.....	123.0	100.0	98.3	79.9	17.5	14.2	---	---	7.2	5.9	---	---
1933.....	121.6	100.0	79.9	65.7	6.1	5.0	---	---	35.6	29.3	---	---
1934.....	73.3	100.0	69.5	94.8	1.3	1.8	---	---	2.5	3.4	---	---
1935.....	88.3	100.0	61.1	69.2	20.1	22.8	1.4	1.6	5.7	6.4	---	---
8 - F:												
Av. 1928-33.	116.1	100.0	94.3	81.2	13.0	11.2	.2	.2	8.4	7.2	.2	.2
1928.....	138.8	100.0	121.8	87.7	10.7	7.7	.5	.4	5.5	4.0	.2	.1
1929.....	137.0	100.0	109.0	79.6	27.1	19.8	.2	.1	.7	.5	---	---
1930.....	88.2	100.0	76.3	86.5	10.8	12.3	.2	.2	.9	1.0	---	---
1931.....	149.0	100.0	136.9	91.9	9.7	6.5	.2	.1	1.5	1.0	.6	.4
1932.....	96.5	100.0	74.4	77.1	10.8	11.2	---	---	11.2	11.6	.1	.1
1933.....	86.9	100.0	47.4	54.5	8.7	10.0	---	---	30.8	35.5	---	---
1934.....	59.2	100.0	56.1	94.8	1.3	2.2	---	---	1.8	3.0	---	---
1935.....	58.3	100.0	42.2	72.4	13.2	22.6	.1	.2	2.7	4.6	.1	.2

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White Strict Low Middling and Low Middling		Extra White and below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
9 - A:													
Av. 1928-33.	29.4	100.0	25.2	85.8	2.1	7.1	---	---	2.1	7.1	---	---	---
1928.....	39.8	100.0	33.7	84.7	5.7	14.3	---	---	.4	1.0	---	---	---
1929.....	22.5	100.0	21.2	94.2	.9	4.0	---	---	.4	1.8	---	---	---
1930.....	28.2	100.0	25.4	90.1	2.5	8.8	---	---	.3	1.1	---	---	---
1931.....	32.1	100.0	30.3	94.4	.9	2.8	---	---	.8	2.5	0.1	0.3	---
1932.....	28.9	100.0	26.6	92.1	.7	2.4	---	---	1.6	5.5	---	---	---
1933.....	24.9	100.0	13.9	55.8	2.1	8.4	---	---	8.9	35.8	---	---	---
1934.....	23.6	100.0	21.3	90.2	1.1	4.7	---	---	1.1	4.7	.1	.4	---
1935.....	18.1	100.0	12.1	66.8	1.3	7.2	---	---	4.7	26.0	---	---	---
9 - B:													
Av. 1928-33.	37.7	100.0	31.0	82.2	4.5	12.0	0.1	0.3	1.9	5.0	.2	.5	---
1928.....	49.2	100.0	44.0	89.4	4.5	9.2	---	---	.6	1.2	.1	.2	---
1929.....	27.4	100.0	24.7	90.1	1.8	6.6	.1	.4	.8	2.9	---	---	---
1930.....	36.7	100.0	27.1	73.8	8.5	23.2	.3	.8	.7	1.9	.1	.3	---
1931.....	46.1	100.0	40.6	88.1	3.5	7.6	---	---	.7	1.5	1.3	2.8	---
1932.....	34.9	100.0	27.8	79.6	4.0	11.5	---	---	3.1	8.9	---	---	---
1933.....	31.9	100.0	21.6	67.7	4.7	14.8	---	---	5.4	16.9	.2	.6	---
1934.....	26.6	100.0	22.2	83.5	2.8	10.5	---	---	1.5	5.6	.1	.4	---
1935.....	22.3	100.0	9.6	43.1	4.1	18.4	.1	.4	8.5	38.1	---	---	---
9 - C:													
Av. 1928-33.	81.4	100.0	65.2	80.1	12.0	14.8	.1	.1	4.0	4.9	.1	.1	---
1928.....	107.6	100.0	92.6	86.1	11.0	10.2	.1	.1	3.7	3.4	.2	.2	---
1929.....	50.5	100.0	43.6	86.3	4.1	8.1	.2	.4	2.6	5.2	---	---	---
1930.....	84.1	100.0	68.5	81.5	11.8	14.0	.2	.2	3.6	4.3	---	---	---
1931.....	99.5	100.0	85.2	85.6	11.1	11.2	---	---	3.1	3.1	.1	.1	---
1932.....	71.4	100.0	41.1	57.6	23.6	33.0	.4	.6	6.3	8.8	---	---	---
1933.....	75.1	100.0	60.1	80.0	10.4	13.9	---	---	4.6	6.1	---	---	---
1934.....	55.5	100.0	50.5	91.0	2.5	4.5	---	---	2.5	4.5	---	---	---
1935.....	57.2	100.0	24.9	43.5	18.7	32.7	.4	.7	13.0	22.7	---	---	0.4



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
9 - D 4/:													
Av. 1928-33.	45.5	100.0	36.0	79.1	5.9	13.0	0.1	0.2	3.4	7.5	0.1	0.2	---
1928.....	59.3	100.0	51.5	86.9	6.3	11.1	---	---	1.2	2.0	---	---	---
1929.....	20.5	100.0	10.2	49.7	2.6	12.7	---	---	7.7	37.6	---	---	---
1930.....	63.9	100.0	55.1	86.2	6.8	10.6	.2	.3	1.7	2.7	.1	.2	---
1931.....	50.1	100.0	39.2	78.2	9.0	18.0	---	---	1.9	3.8	---	---	---
1932.....	28.4	100.0	14.9	52.5	7.6	26.7	.2	.7	5.6	19.7	.1	.4	---
1933.....	50.6	100.0	44.8	88.6	3.1	6.1	---	---	2.6	5.1	.1	.2	---
10 - A 4/:													
Av. 1928-33.	101.7	100.0	74.0	72.7	19.3	19.0	1.5	1.5	6.7	6.6	.1	.1	0.1
1928.....	91.1	100.0	73.6	80.3	12.8	14.1	2.3	2.5	2.3	2.5	.1	.1	---
1929.....	91.6	100.0	58.1	63.4	18.6	20.3	.7	.8	14.2	15.5	---	---	---
1930.....	165.9	100.0	141.8	85.0	21.4	12.8	.3	.2	3.1	1.8	.2	.1	.1
1931.....	90.1	100.0	50.1	55.6	33.3	37.0	1.0	1.1	5.6	6.2	.1	.1	---
1932.....	79.5	100.0	59.6	74.9	11.6	14.6	3.2	4.0	4.7	5.9	.2	.3	.3
1933.....	91.0	100.0	61.3	67.4	17.8	19.6	1.4	1.5	10.5	11.5	---	---	---
1934.....	53.2	100.0	24.8	46.5	7.0	13.2	.1	.2	21.2	39.8	.1	.2	---
1935.....	32.3	100.0	24.0	74.3	2.6	8.1	.1	.3	5.6	17.3	---	---	---
10 - B:													
Av. 1928-33.	125.1	100.0	94.3	75.4	20.7	16.6	.3	.2	9.5	7.6	.3	.2	---
1928.....	153.7	100.0	123.5	80.4	26.8	17.4	.1	.1	3.1	2.0	.2	.1	---
1929.....	62.1	100.0	42.4	68.2	6.7	10.8	.2	.3	12.6	20.3	.1	.2	.2
1930.....	183.5	100.0	143.2	78.0	33.7	18.4	.4	.2	4.9	2.7	1.3	.7	---
1931.....	126.7	100.0	105.3	83.1	10.5	8.3	---	---	10.9	8.6	---	---	---
1932.....	94.7	100.0	47.9	50.6	28.8	30.4	1.1	1.2	16.8	17.7	---	---	.1
1933.....	130.0	100.0	103.6	79.7	17.5	13.5	---	---	8.9	6.8	---	---	---
1934.....	92.3	100.0	74.4	80.6	3.2	3.5	---	---	14.5	15.7	.2	.2	---
1935.....	54.7	100.0	27.9	51.0	10.7	19.6	.4	.7	15.7	28.7	---	---	---

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
10 - C 4/:														
1934.....	32.3	100.0	28.9	89.5	0.3	2.5	---	---	2.5	7.7	0.1	0.3	---	---
1935.....	21.9	100.0	12.4	56.6	3.3	15.1	---	---	6.2	28.3	---	---	---	---
11 - A:														
Av. 1928-33.	67.4	100.0	54.0	80.1	11.3	16.8	0.6	0.9	1.4	2.1	---	---	0.1	0.1
1928.....	89.3	100.0	84.5	94.6	3.6	4.1	.2	.2	.9	1.0	.1	.1	---	---
1929.....	105.6	100.0	91.5	86.6	12.8	12.1	.4	.4	.9	.9	---	---	---	---
1930.....	79.7	100.0	61.8	77.6	15.1	18.9	.2	.3	2.5	3.1	---	---	.1	.1
1931.....	51.1	100.0	34.1	66.7	16.0	31.3	.5	1.0	.4	.3	---	---	.1	.2
1932.....	29.1	100.0	26.2	90.0	1.8	6.2	.1	.4	1.0	3.4	---	---	---	---
1933.....	49.8	100.0	26.2	52.6	18.4	37.0	2.5	5.0	2.5	5.0	---	---	.2	.4
1934.....	67.0	100.0	54.8	81.8	3.7	13.0	.5	.7	2.9	4.3	.1	.2	---	---
1935.....	42.3	100.0	21.0	49.7	12.6	29.8	.9	2.1	7.7	18.2	---	---	.1	.2
11 - B:														
Av. 1928-33.	27.6	100.0	19.5	70.6	5.6	20.3	.9	3.3	1.5	5.4	---	---	.1	.4
1928.....	26.2	100.0	18.9	72.1	5.7	21.8	1.1	4.2	.5	1.9	---	---	---	---
1929.....	36.6	100.0	26.6	72.7	6.3	17.2	1.7	4.6	1.9	5.2	---	---	.1	.3
1930.....	31.5	100.0	27.1	86.0	3.2	10.2	.3	1.0	.9	2.8	---	---	---	---
1931.....	22.7	100.0	12.0	52.9	10.0	44.1	.5	2.2	.1	.4	---	---	.1	.4
1932.....	18.9	100.0	16.8	88.9	1.3	6.9	.6	3.2	.2	1.0	---	---	---	---
1933.....	29.5	100.0	15.8	53.6	6.6	22.4	1.4	4.7	5.5	18.6	---	---	.2	.7
1934.....	19.5	100.0	12.0	61.5	4.8	24.6	.6	3.1	2.1	10.8	---	---	---	---
1935.....	16.5	100.0	12.7	77.0	2.2	13.3	.1	.6	1.5	9.1	---	---	---	---



Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	
11 - C:													
Av. 1928-33.	160.8	100.0	109.9	68.3	40.9	25.4	4.9	3.1	4.7	2.9	---	---	0.4 0.3
1928.....	136.2	100.0	93.6	72.4	30.2	22.2	5.2	3.8	1.8	1.3	---	---	.4 .3
1929.....	201.0	100.0	99.9	49.7	79.4	39.5	11.1	5.5	10.2	5.1	---	---	.4 .2
1930.....	206.7	100.0	171.0	82.7	29.6	14.3	3.3	1.6	2.6	1.3	0.1	3/	.1 3/
1931.....	154.4	100.0	84.2	54.5	62.1	40.2	4.1	2.7	3.7	2.4	---	---	.3 .2
1932.....	103.9	100.0	99.0	90.9	6.7	6.1	1.6	1.5	1.5	1.4	---	---	.1 .1
1933.....	157.4	100.0	106.4	67.6	37.7	23.9	4.2	2.7	8.3	5.3	---	---	.8 .5
1934.....	96.7	100.0	55.9	57.8	26.5	27.4	1.1	1.2	12.6	13.0	.4	0.4	.2 .2
1935.....	131.6	100.0	77.8	59.1	43.1	32.8	1.9	1.4	8.7	6.6	.1	.1	---
11 - D:													
Av. 1928-33.	123.5	100.0	81.3	65.8	33.0	26.7	2.5	2.0	6.1	5.0	.4	.3	.2 .2
1928.....	156.0	100.0	110.9	71.1	38.7	24.8	3.0	1.9	3.0	1.9	.1	.1	.3 .2
1929.....	40.6	100.0	18.3	45.1	14.8	36.4	2.3	5.7	4.9	12.1	---	---	.3 .7
1930.....	160.4	100.0	127.6	79.6	28.1	17.5	.7	.4	2.8	1.7	1.1	.7	.1 .1
1931.....	167.9	100.0	103.3	61.5	58.7	35.0	.5	.3	4.5	2.7	.9	.5	---
1932.....	94.0	100.0	45.6	48.5	32.9	35.0	7.5	8.0	7.1	7.6	.2	.2	.7 .7
1933.....	121.9	100.0	82.2	67.4	24.8	20.3	.7	.6	14.1	11.6	.1	.1	---
1934.....	67.2	100.0	51.1	76.0	7.5	11.2	1.0	1.5	7.5	11.2	---	---	.1 .1
1935.....	58.3	100.0	33.0	56.6	17.7	30.4	1.2	2.0	6.4	11.0	---	---	---

Table 4.- Grade of cotton ginned in designated districts of Texas, crops of 1928-35--Continued

District 1/ and crop year	All grades 2/ grades 2/		Extra White and White, Middling and above		Extra White and White, Strict Low Middling and Low Middling		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yel- low Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent	1,000 bales	Per- cent
11 - E:														
Av. 1928-33.	108.2	100.0	74.9	69.2	24.2	22.4	0.8	0.7	8.1	7.5	0.1	0.1	0.1	0.1
1928.....	145.3	100.0	105.0	72.3	31.9	21.9	2.1	1.4	5.9	4.1	---	---	.4	.3
1929.....	41.3	100.0	21.8	52.8	12.4	30.0	.3	.7	6.8	16.5	---	---	---	---
1930.....	131.8	100.0	112.1	85.1	17.7	13.4	.2	.1	1.7	1.3	.1	.1	---	---
1931.....	149.0	100.0	100.7	67.6	42.7	28.7	.3	.2	5.3	3.5	---	---	---	---
1932.....	74.0	100.0	36.7	49.6	24.0	32.4	1.8	2.4	11.2	15.2	.1	.1	.2	.3
1933.....	107.7	100.0	73.2	68.0	16.2	15.0	.4	.4	17.8	16.5	---	---	.1	.1
1934.....	76.6	100.0	62.8	82.0	4.0	5.2	.1	.1	9.7	12.7	---	---	---	---
1935.....	65.7	100.0	26.4	40.2	18.3	27.8	4.7	7.2	16.1	24.5	---	---	.2	.3

- 1/ For boundaries of districts, see figs. 1 and 2.  
2/ Ginnings as reported by the Bureau of the Census.  
3/ Less than 0.05 percent.  
4/ See footnote 3, p.4.



Table 5.—Staple length of cotton ginned in Texas during specified periods, average 1928-33, 1934, and 1935

Period and crop year	All staple lengths 1/		Shorter than 7/8 inch		7/8 and 29/32 inch		15/16 and 31/32 inch		1 and 1-1/32 inches		1-1/16 and 1-3/32 inches		1-1/8 inches and longer	
	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent
All periods:														
Average 1928-33.....	4,371.2	100.0	557.6	12.7	1,684.1	38.5	1,493.7	34.2	527.2	12.1	85.9	2.0	22.7	0.5
Crop of 1934.....	2,314.9	100.0	295.0	12.7	1,298.7	56.1	593.0	25.6	72.7	3.2	37.0	1.6	18.5	.8
Crop of 1935.....	2,849.7	100.0	482.3	16.9	1,167.2	41.0	936.1	32.8	211.0	7.4	36.1	1.3	17.0	.6
Prior to Oct. 1:														
Average 1928-33.....	2,225.4	100.0	197.5	8.9	721.8	32.4	865.2	38.9	374.6	16.8	52.4	2.4	13.9	.6
Crop of 1934.....	1,720.6	100.0	163.1	9.5	982.9	57.1	492.0	28.6	56.8	3.3	14.5	.8	11.3	.7
Crop of 1935.....	928.0	100.0	67.7	7.3	227.0	24.4	460.5	49.6	161.3	17.4	10.0	1.1	1.5	.2
During October:														
Average 1928-33.....	1,243.6	100.0	163.7	13.1	543.7	43.7	409.9	33.0	102.4	8.2	18.1	1.5	5.8	.5
Crop of 1934.....	333.9	100.0	81.5	24.4	177.1	53.1	47.5	14.2	6.9	2.1	14.4	4.3	6.5	1.9
Crop of 1935.....	975.1	100.0	184.7	18.9	461.3	47.3	282.9	29.0	27.3	2.8	10.5	1.1	8.4	.9
During November:														
Average 1928-33.....	570.7	100.0	75.4	13.2	271.9	47.7	169.7	29.7	49.7	7.0	11.5	2.0	2.5	.4
Crop of 1934.....	122.0	100.0	19.1	15.7	62.5	51.2	26.6	21.8	5.9	4.8	7.2	5.9	.7	.6
Crop of 1935.....	513.9	100.0	64.8	12.6	266.8	51.9	148.8	28.0	17.5	3.4	9.3	1.8	6.7	1.3
Dec. 1 - Jan. 15:														
Average 1928-33.....	247.2	100.0	74.2	30.0	118.8	48.1	41.5	16.8	8.9	3.6	3.3	1.3	.5	.2
Crop of 1934.....	115.6	100.0	19.1	16.5	67.0	57.9	25.5	22.1	3.1	2.7	.9	.8	---	---
Crop of 1935.....	373.6	100.0	126.8	33.9	194.3	52.0	42.0	11.2	3.9	1.1	6.2	1.7	.4	.1
After Jan. 15:														
Average 1928-33.....	84.3	100.0	46.8	55.5	27.9	33.1	7.4	8.8	1.6	1.9	.6	.7	---	---
Crop of 1934.....	22.8	100.0	12.2	53.5	9.2	40.4	1.4	6.1	---	---	---	---	---	---
Crop of 1935.....	59.1	100.0	38.3	64.8	17.8	30.1	1.9	3.2	1.0	1.7	.1	.2	---	---

1/ Ginnings as reported by the Bureau of the Census.

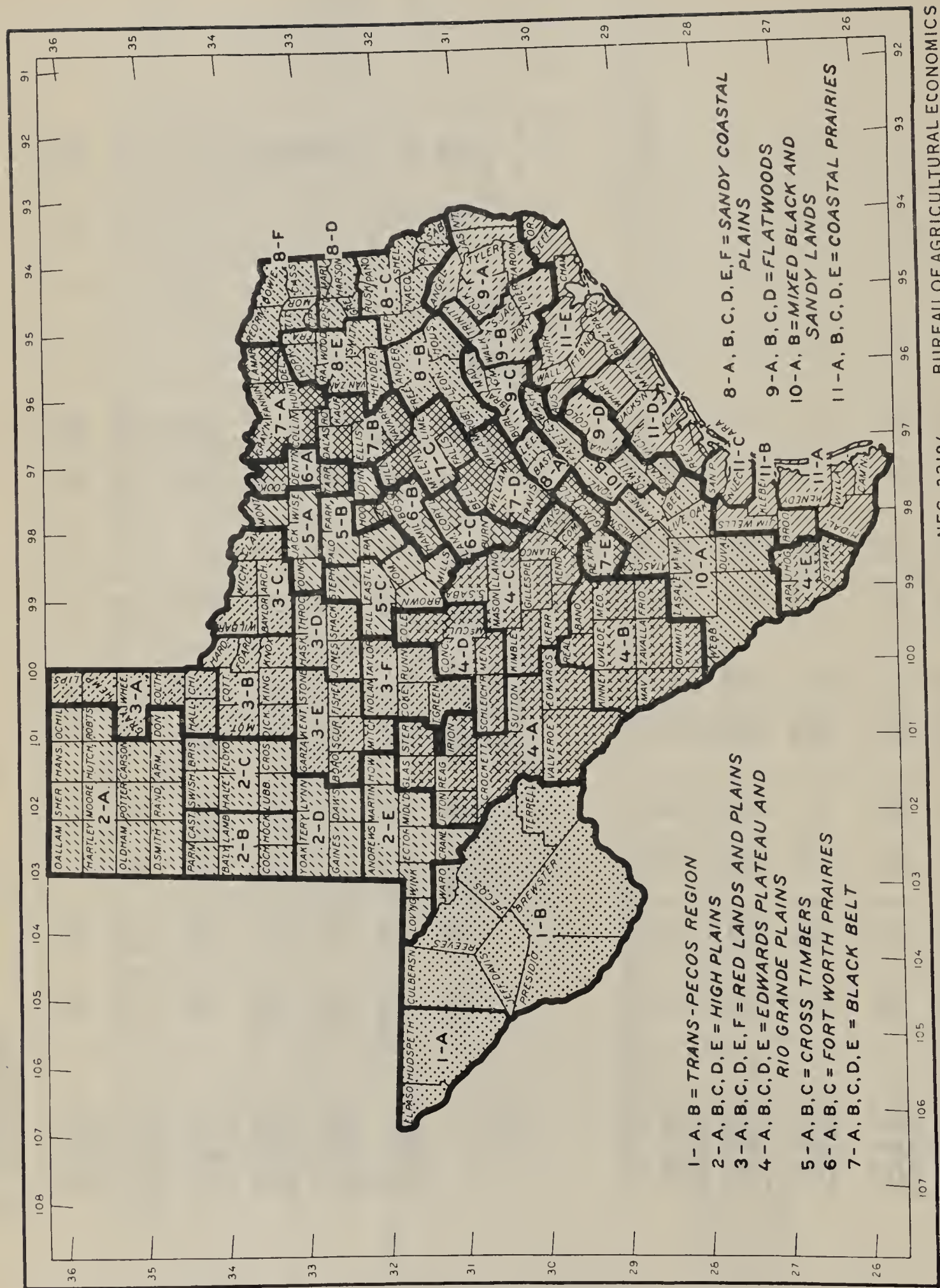
53

Table 6.—Grade of cotton ginned in Texas during specified periods, average 1928-33, 1934, and 1935

Period and crop year	All grades 1/		Extra White and White, Midding and above		Extra White and White, Strict Low Middling and Low		Extra White and White, below Low Middling		Spotted and Yellow Tinged		Light Yellow Stained, Yellow Stained, Gray, and Blue Stained		No grade	
	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent	1,000 bales	Per-cent
All periods:														
Average 1928-33.....	4,371.2	100.0	2,882.8	66.0	692.6	15.8	62.5	1.4	707.4	16.2	5.0	0.1	20.9	0.5
Crop of 1934.....	2,314.9	100.0	1,813.0	78.3	132.2	5.7	7.6	.3	359.3	15.5	1.3	.1	1.5	.1
Crop of 1935.....	2,849.7	100.0	1,241.0	43.6	668.2	23.4	88.8	3.1	845.8	29.7	1.1	(2/)	4.8	.2
Prior to Oct. 1:														
Average 1928-33.....	2,225.4	100.0	1,866.7	83.9	206.8	9.3	6.7	.3	144.6	6.5	.4	(2/)	.2	(2/)
Crop of 1934.....	1,720.6	100.0	1,465.4	85.2	75.9	4.4	3.8	.2	174.0	10.1	1.1	.1	.4	(2/)
Crop of 1935.....	928.0	100.0	623.8	67.2	206.1	22.2	5.8	.6	92.0	9.9	---	---	.3	(2/)
During October:														
Average 1928-33.....	1,243.6	100.0	804.3	64.7	217.4	17.5	8.2	.7	212.0	17.0	1.1	.1	.6	(2/)
Crop of 1934.....	333.9	100.0	242.4	72.6	18.3	5.5	.4	.1	72.7	21.8	.1	(2/)	---	(2/)
Crop of 1935.....	975.1	100.0	463.3	47.5	218.1	22.4	11.0	1.1	282.4	29.0	.1	(2/)	.2	(2/)
During November:														
Average 1928-33.....	570.7	100.0	180.1	31.6	177.5	31.1	15.7	2.7	196.1	34.4	.7	.1	.6	.1
Crop of 1934.....	122.0	100.0	78.9	64.7	10.1	8.3	.1	.1	32.9	26.9	---	---	---	---
Crop of 1935.....	513.9	100.0	135.1	26.3	178.0	34.6	34.3	6.7	165.9	32.3	.1	(2/)	.5	.1
Dec. 1 - Jan. 15:														
Average 1928-33.....	247.2	100.0	27.5	11.1	76.6	31.0	21.4	8.6	110.2	44.6	2.4	1.0	9.1	3.7
Crop of 1934.....	115.6	100.0	23.8	20.6	25.1	21.7	3.2	2.8	63.3	54.7	---	---	.2	.2
Crop of 1935.....	373.6	100.0	17.7	4.7	60.5	16.2	33.5	9.0	258.8	69.3	.6	.1	2.5	.7
After Jan. 15:														
Average 1928-33.....	84.3	100.0	4.2	5.0	14.3	17.0	10.5	12.4	44.5	52.8	.4	.5	10.4	12.3
Crop of 1934.....	22.8	100.0	2.5	11.0	2.8	12.3	.1	.4	16.4	71.9	.1	.4	.9	4.0
Crop of 1935.....	59.1	100.0	1.1	1.9	5.5	9.3	4.2	7.1	46.7	79.0	.3	.5	1.3	2.2

1/ Ginnings as reported by the Bureau of the Census.

2/ Less than 0.05 percent.



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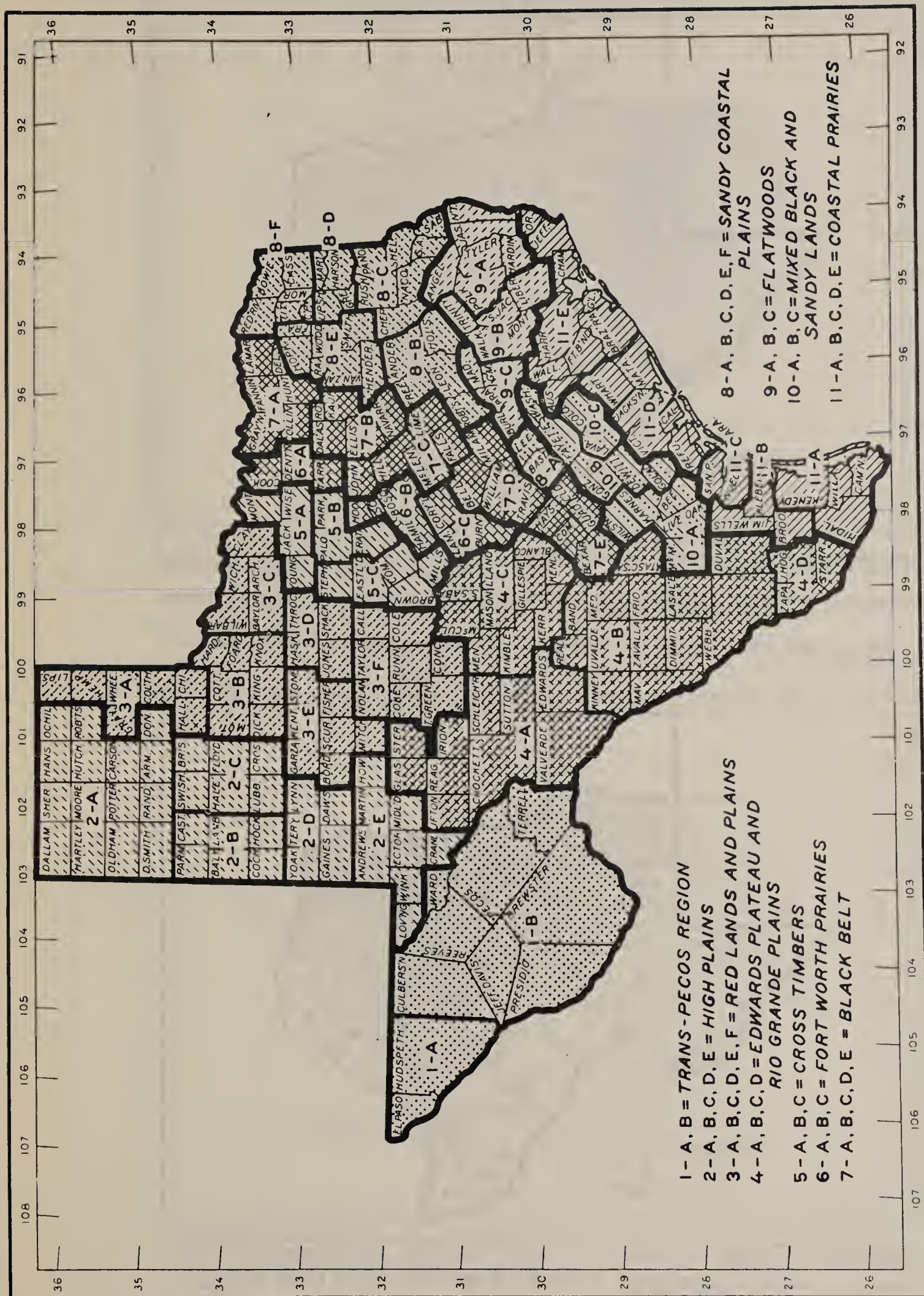
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**FIGURE 1.- COTTON GRADE AND STAPLE DISTRICTS OF TEXAS FOR WHICH STATISTICS ON THE CROPS OF 1928-33 ARE SHOWN.**

TEXAS WAS DIVIDED INTO 46 DISTRICTS FOR THE PURPOSE OF SHOWING THE QUALITY OF COTTON GINNED IN DIFFERENT SECTIONS OF THE STATE. THE BOUNDARIES OF THE DISTRICTS WERE SLIGHTLY CHANGED IN 1934, REDUCING THE NUMBER OF DISTRICTS TO 45.





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FIGURE 2.-- COTTON GRADE AND STAPLE DISTRICTS OF TEXAS FOR WHICH STATISTICS ON THE CROPS OF 1934 AND 1935 ARE SHOWN.

FOR BOUNDARIES OF DISTRICTS FOR WHICH DATA FOR YEARS PRIOR TO 1934 ARE SHOWN SEE FIG. 1.



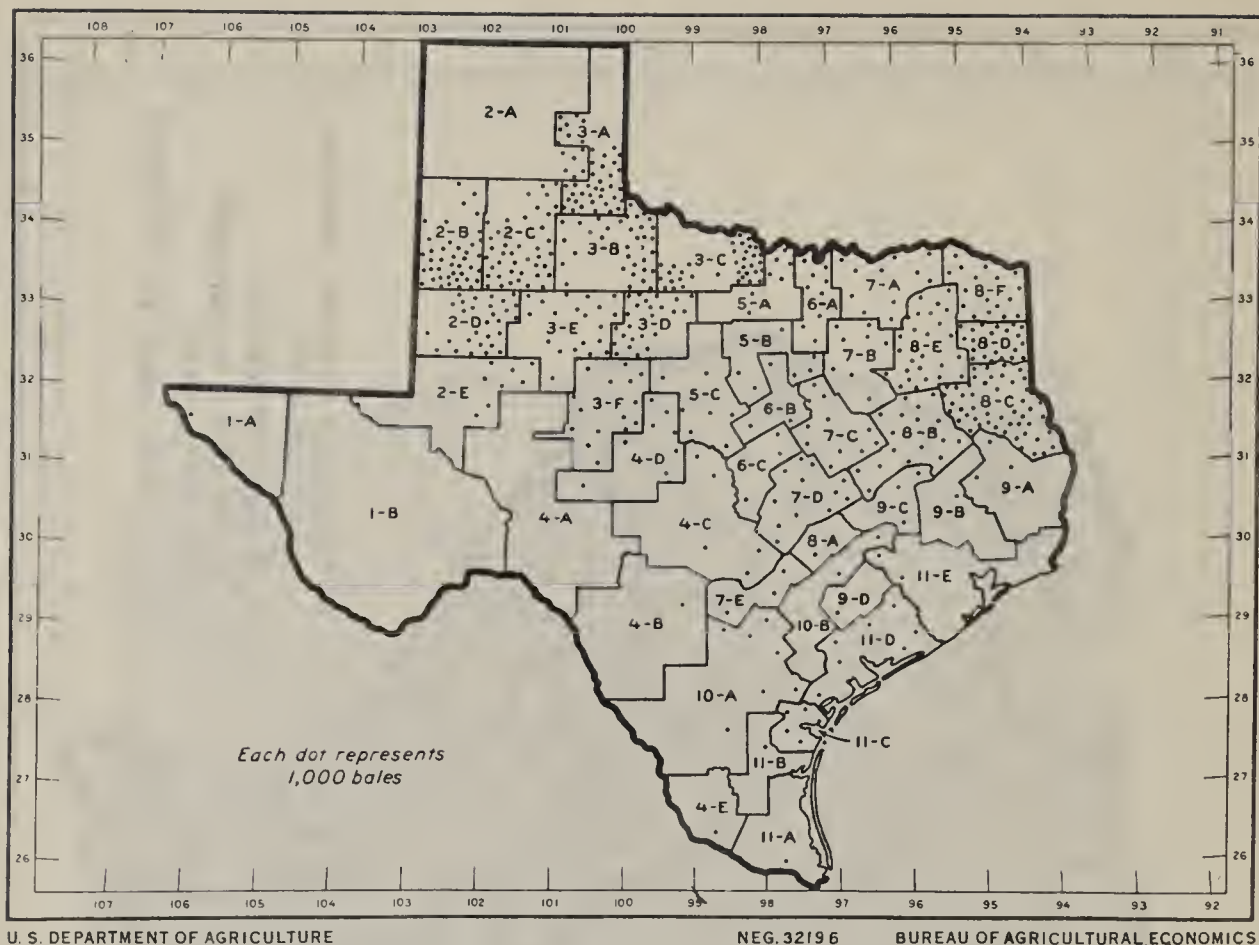


FIGURE 3.- GEOGRAPHIC DISTRIBUTION OF COTTON SHORTER THAN  $7/8$  INCH IN STAPLE PRODUCED IN TEXAS, AVERAGE 1928-33.

MOST OF THESE SHORT STAPLES ARE PRODUCED IN THE NORTHWESTERN AND NORTHWESTERN PARTS OF THE STATE.

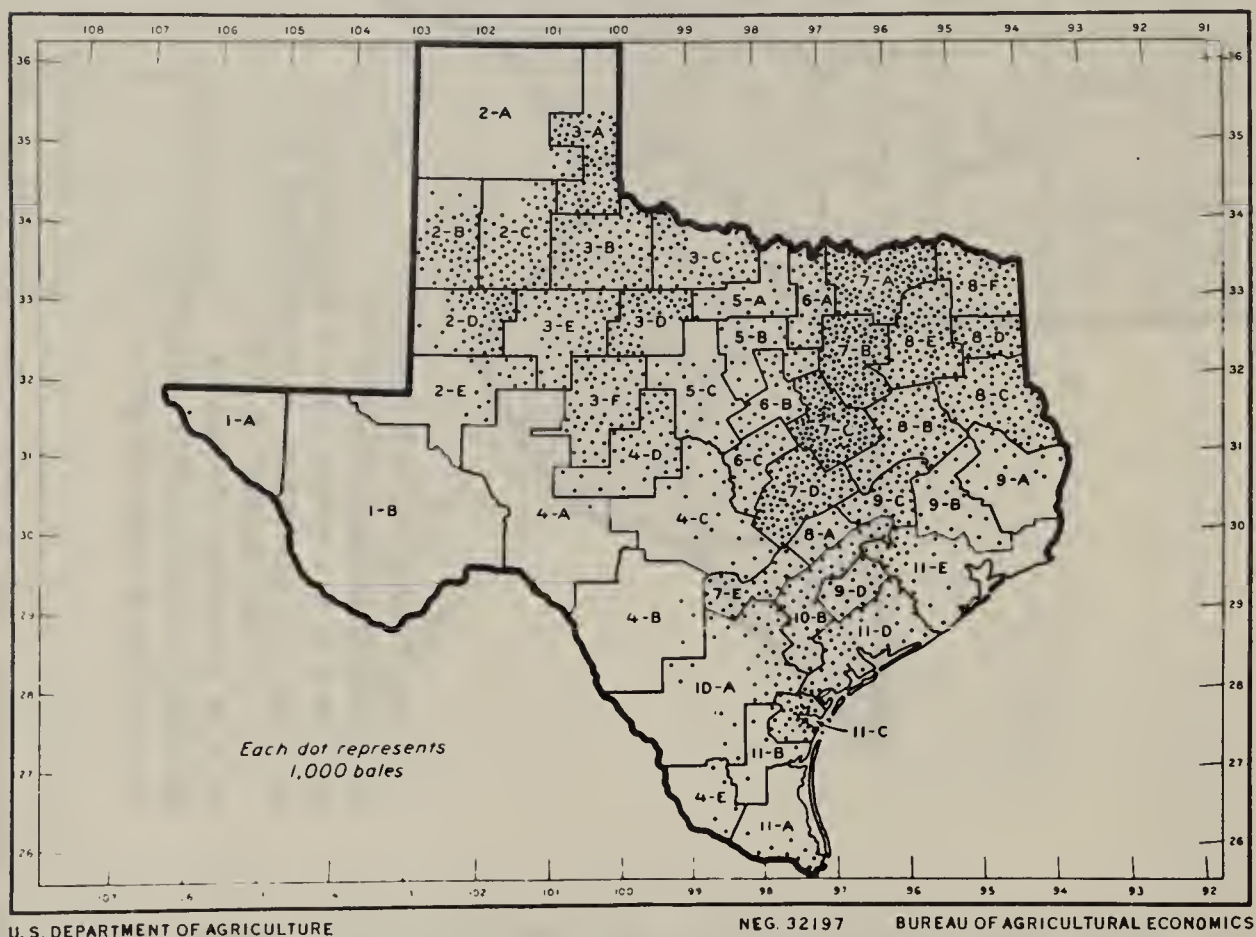
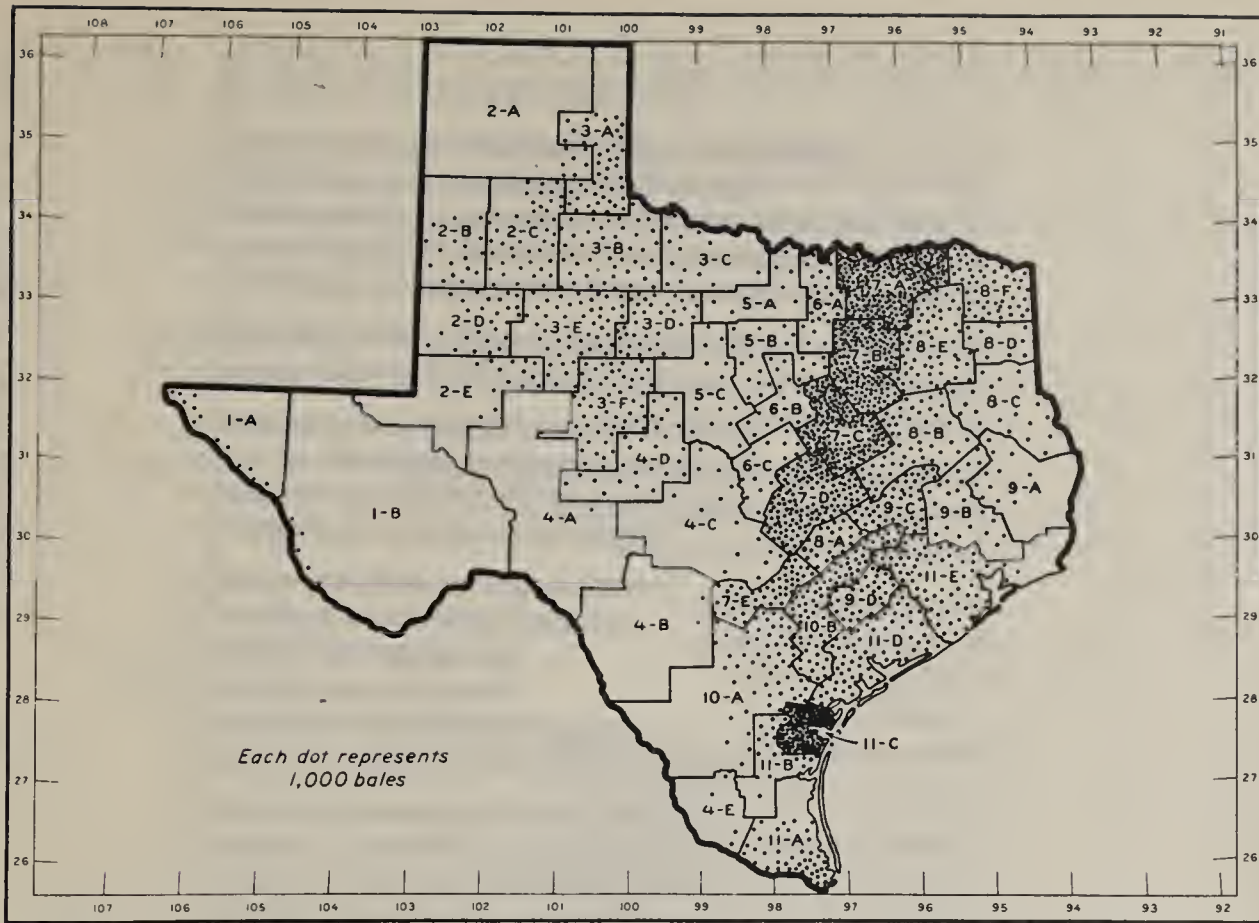


FIGURE 4.- GEOGRAPHIC DISTRIBUTION OF COTTON  $7/8$  AND  $29/32$  INCH IN STAPLE PRODUCED IN TEXAS, AVERAGE 1928-33.

COTTON OF THESE LENGTHS IS PRODUCED QUITE GENERALLY THROUGHOUT THE COTTON PRODUCING AREAS OF THE STATE.





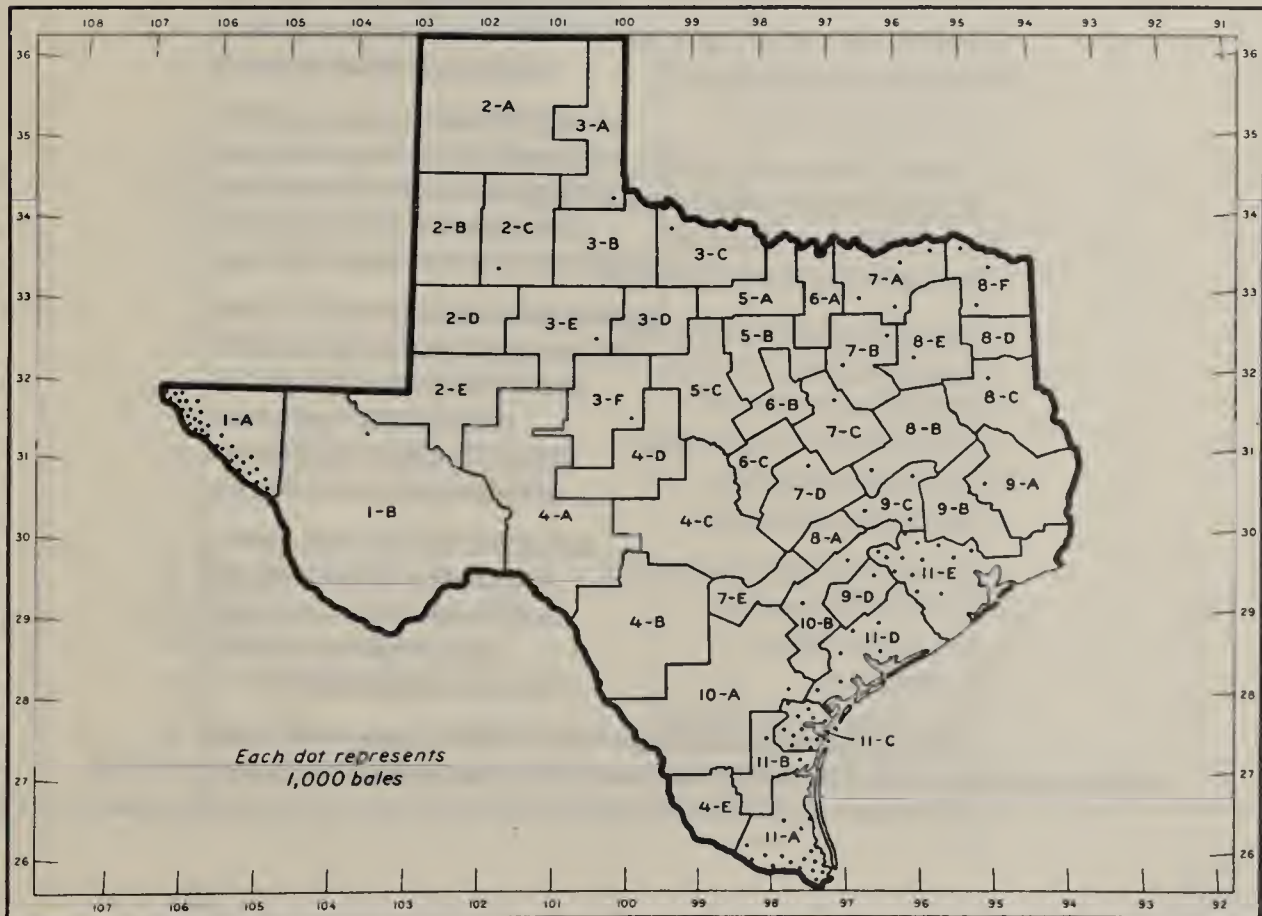
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FIGURE 5.- GEOGRAPHIC DISTRIBUTION OF COTTON 15/16 INCH TO 1-1/32 INCHES IN STAPLE PRODUCED IN TEXAS, AVERAGE 1928-33.

COTTON OF THESE LENGTHS IS PRODUCED CHIEFLY IN THE BLACK LAND BELT EXTENDING FROM THE NORTH CENTRAL PART OF THE STATE TO THE GULF.



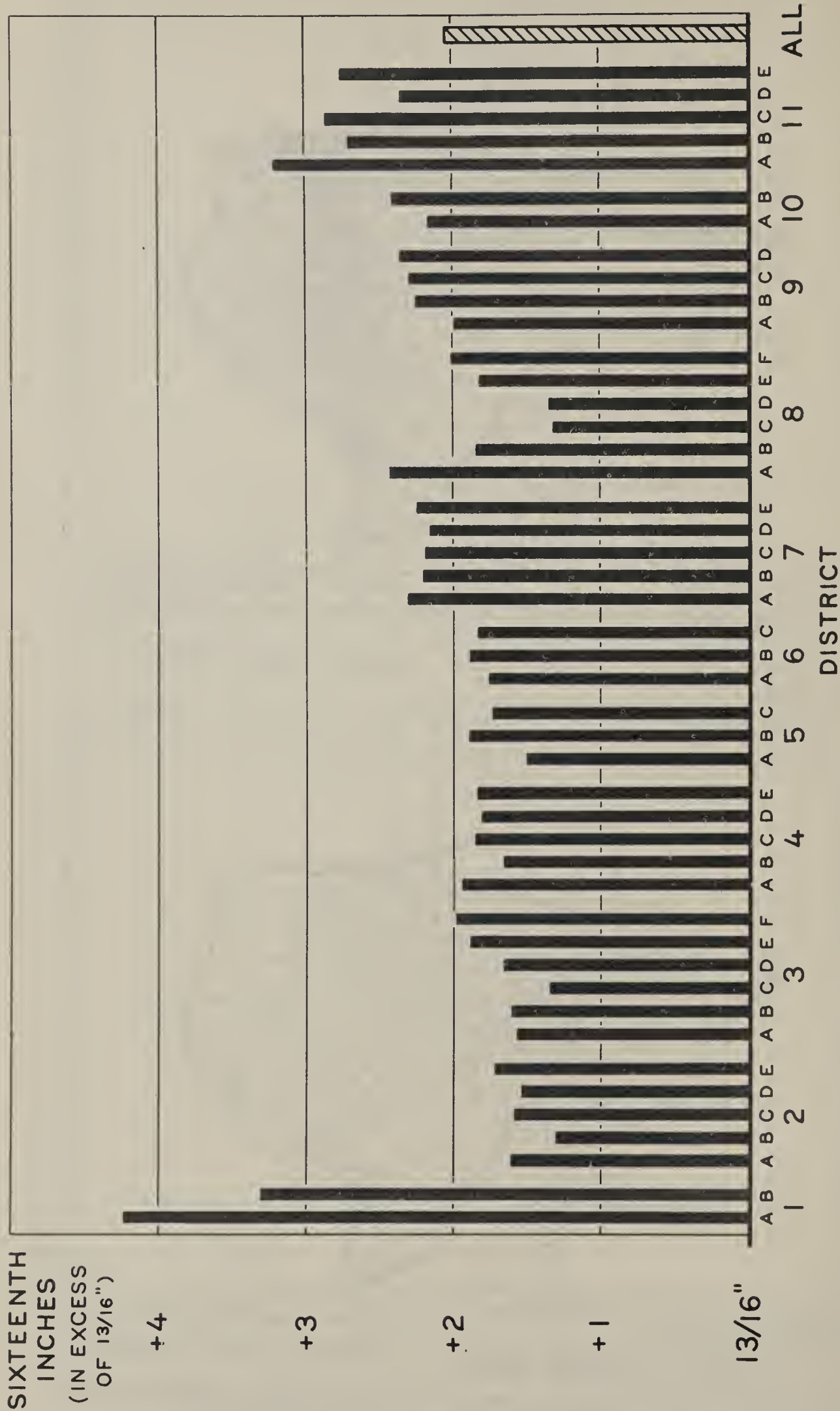
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FIGURE 6.- GEOGRAPHIC DISTRIBUTION OF COTTON 1-1/16 INCHES AND LONGER IN STAPLE PRODUCED IN TEXAS, AVERAGE 1928-33.

PRACTICALLY ALL COTTON PRODUCED IN TEXAS THAT IS 1-1/16 INCHES OR LONGER IS GROWN IN THE EXTREME WESTERN PART OF THE STATE AND IN THE SOUTHERN COASTAL REGION.



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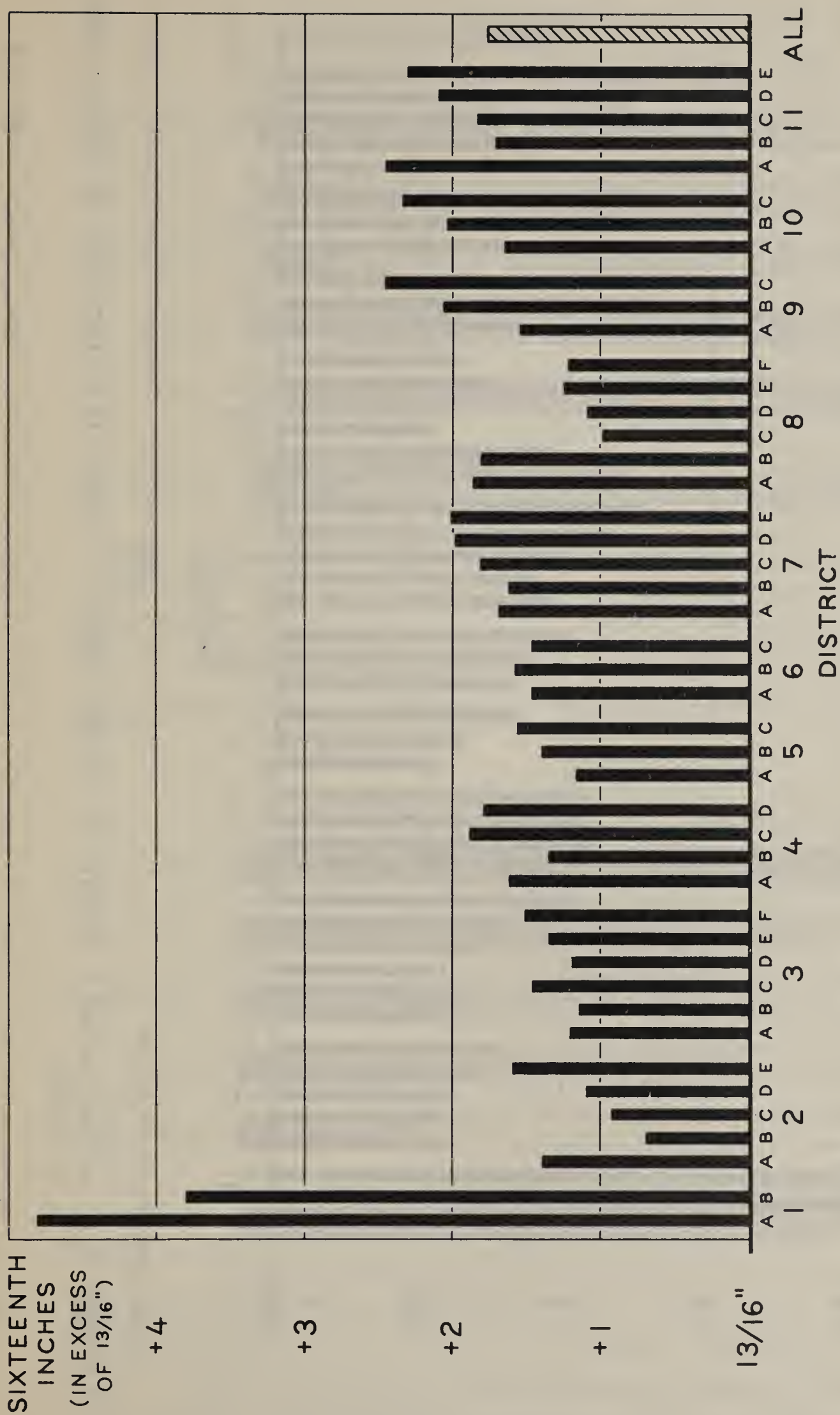
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FIGURE 7.-- STAPLE LENGTH OF COTTON GINNED IN SPECIFIED DISTRICTS OF TEXAS, AVERAGE 1928-33.

THE AVERAGES FOR DISTRICTS 1 AND 11 WERE LONGER THAN THE AVERAGES FOR OTHER DISTRICTS.





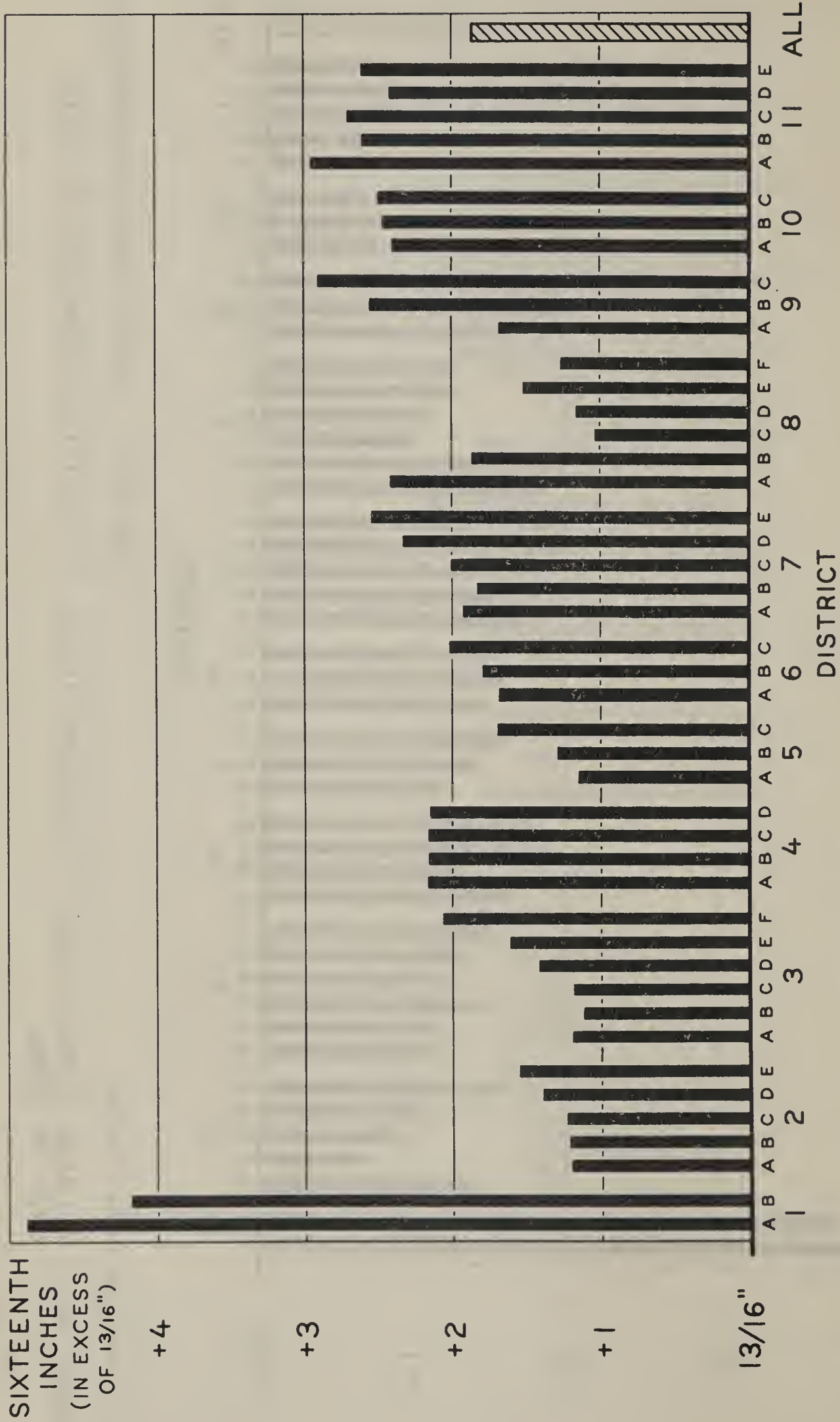
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FIGURE 8.- AVERAGE STAPLE LENGTH OF COTTON GINNED IN SPECIFIED DISTRICTS OF TEXAS, CROP OF 1934.

COTTON GINNED IN DISTRICT 1 AVERAGED CONSIDERABLY LONGER THAN THAT GINNED IN OTHER DISTRICTS.



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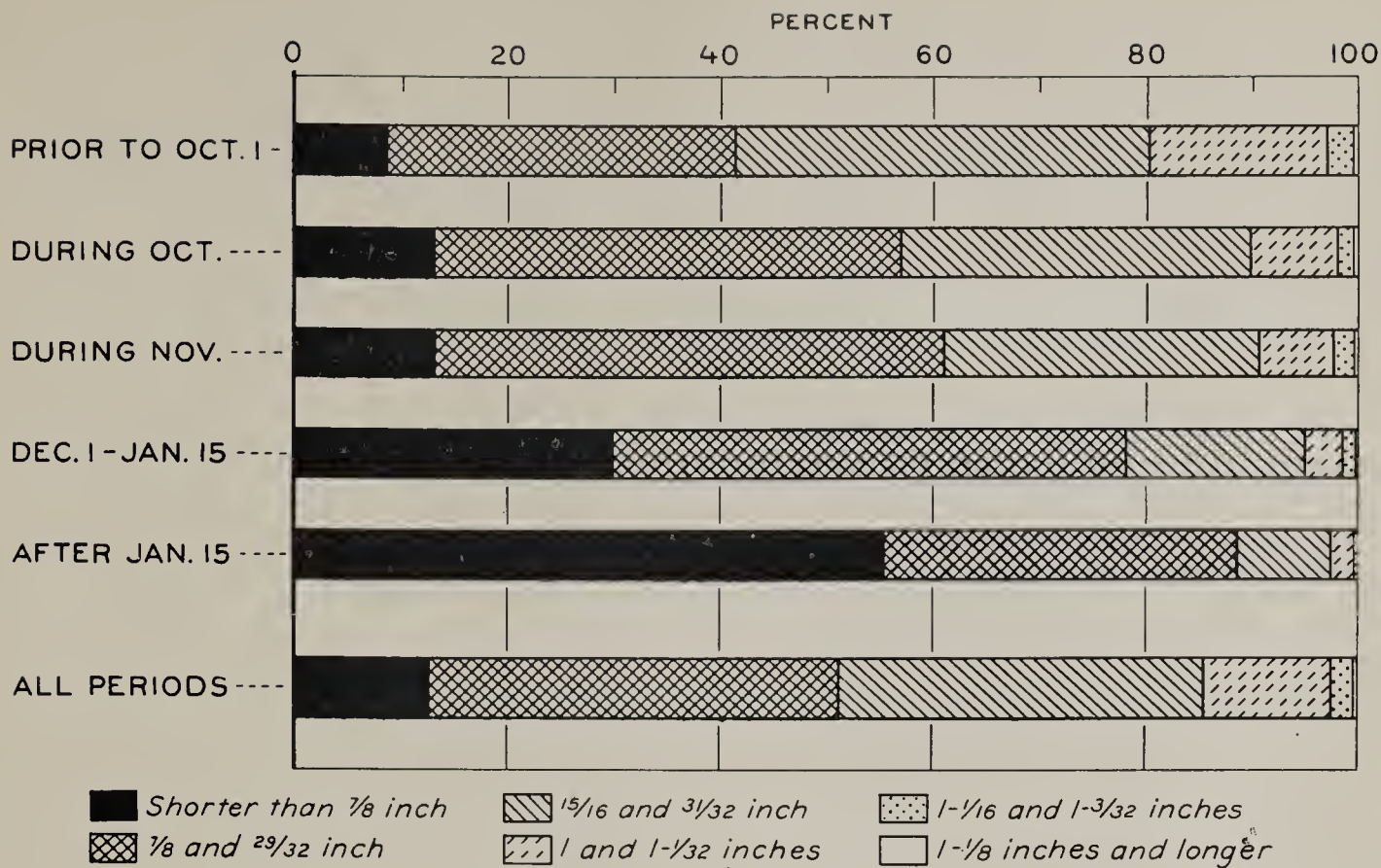
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FIGURE 9.-- AVERAGE STAPLE LENGTH OF COTTON GINNED IN SPECIFIED DISTRICTS OF TEXAS, CROP OF 1935.

AS IN PREVIOUS YEARS (FIGS. 7 AND 8), AVERAGES FOR DISTRICT 1 WERE LONGER THAN THE AVERAGES FOR OTHER DISTRICTS.





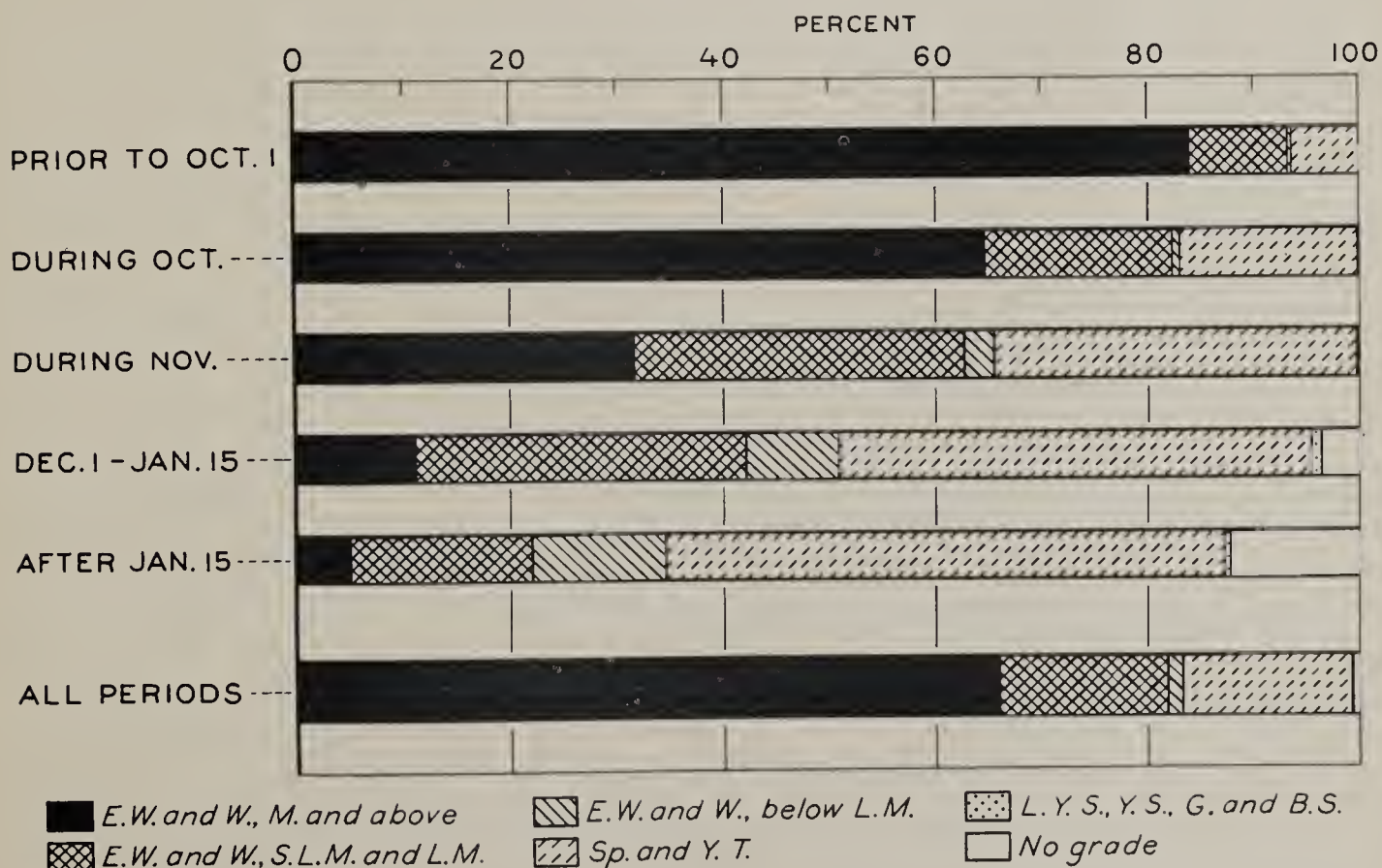
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FIGURE 10.- STAPLE LENGTH OF COTTON GINNED IN TEXAS DURING SPECIFIED PERIODS, AVERAGE 1928-33.

AS THE SEASON ADVANCED, THE PERCENTAGE OF COTTON SHORTER THAN  $\frac{7}{8}$  INCH IN STAPLE INCREASED.



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FIGURE 11.- GRADE OF COTTON GINNED IN TEXAS DURING SPECIFIED PERIODS, AVERAGE 1928-33.

THE PERCENTAGE OF COTTON EXTRA WHITE AND WHITE MIDDLING AND ABOVE IN GRADE DECREASED FROM ONE PERIOD TO ANOTHER AS THE SEASON ADVANCED.







